

Benjamin Franklin

Q

Library

LOG-BOOK

—OF—

The Ship

Accompanied

off New York

Q. D.

$$\begin{array}{r} 20 \\ 3 \\ \hline 23 \\ 4 \\ \hline 27 \end{array}$$

2 Barls of Beepe
1 Barl of flour
 $\frac{7}{4}$ Barl of Dork
 $\frac{1}{2}$ Barl of Beepe
 $\frac{1}{4}$ Barl of tongs
6 Gallons carassie oil
 $\frac{1}{2}$ Barl of corn meal
6 Gallons pint oil

[Handwritten notes:]

20
20
20
20
80
60
140

||||| 13 1/2

22 1/2 20
 20
 20
22 1/2 20
11 45
33 45
 75.0

Flour

$$\begin{array}{r}
 184 \text{ aa} \\
 172 \text{ 10} \\
 \hline
 356 \text{ 10} \\
 27
 \end{array}$$

100

74	29-74	174	100	198	31-90
10	10	10	30	4	54
10	10	10	4	27	22990
30	30	30	2		
4	4	4			
-54-	-54-	-27-	-22990-		





H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board Thursday			This day commences with moderate		
2			Sept 29 th 1864			Breezes and clear at 6 A M called all hands		
3						the crew employed in the Vessels duties		
4						ends this day moderate breezes and		
5						clear wind East		
6			Remarks on board Friday			This day commences with fresh		
7			Sept 30 th 1864			Breezes and passing clouds with rain		
8						At 6 A M called all hands the crew		
9						employed in the Vessels duties the		
10						Vessel waiting for turn to load		
11						ends this day fresh breezes and		
12						passing clouds wind S.W.		
1			Remarks on board Saturday			This day commences with fresh breezes		
2			Oct 1 st 1864			and passing clouds at 6 A M called all		
3						hands the crew employed in the Vessels		
4						duties ends this day moderate breezes		
5						and passing clouds wind S.W.		
6			Remarks on board Sunday			This day commences with moderate		
7			Oct 2 nd 1864			Breezes and clear at 6 A M called all hands		
8						the crew employed in washing the decks		
9						ends this day fair weather		
10						Sabbath day		
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board Monday			This day commences with moderate		
2			Oct 3 rd 1864			Breezes and clear at 6 A M called all hands		
3			Remarks on board			the crew employed in the Vessels duties		
4			of the Government			noting down this day with the cargo		
5						ends this fair weather wind S.E.		
6			Remarks on board Tuesday			This day commences with fresh breezes		
7			Oct 4 th 1864			and foggy with rain at 6 A M called all		
8						hands the crew employed in the Vessels		
9						duties noting down this day with the		
10						cargo on end this with fresh breezes		
11						from the off and heavy swell on		
12						shore		
1			Remarks on board Wednesday			This day commences with fresh		
2			Oct 5 th 1864			gales from the N.W. at 6 A M		
3						called all hands the crew employed		
4						in the Vessels duties at 10 A M one		
5						man of the crew fell down in the		
6						hole so ends this day fresh breezes		
7						and heavy sea running from N.W.		
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES	WINDS	LEEWAY.	REMARKS	day of	18				
1			Remarks on board Thursday			This day commences with fresh breeze						
2			Oct 6 th 1864			And passing clouds at 10 A M are near						
3						come on board at 1 1/2 M pilot of course						
4						board at 3 30 P M have up the anchor						
5						used sail fore abk frame at 7 P M						
6						Hydroy light bore south distant one						
7						mile so ends this with fresh breeze and						
8						passing clouds Wind N W						
9			Remarks on board Friday			This day commences with fresh gales and						
10			Oct 7 th 1864			Equally weather at 6 A M take ship						
11						of abk frame at 8 A M take ship to						
12						wards abk frame at 10 A M take ship						
1						of abk frame called note ship and						
2						coal this day at 30 P M come to anchor						
3						in the harbor of Hydroy used the						
4						sails faste so ends this day fresh gales						
5						and Equally weather from the W & W						
6												
7			Remarks on board Saturday			This day commences with fresh gales						
8			Oct 8 th 1864			and Equally weather at 5 A M have						
9						up the anchor used sail at 8 A M						
10						come to anchor of abk frame at 11 A M						
11						commence to ship coal at 6 P M wind						
12						beated to the abk have up the anchor						
			Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18					
1			Remarks on board Sunday Oct 9 th 1864			This day commences with fresh gales							
2						and Equally with rain at 2 A M come							
3						to anchor in the river of Hydroy used							
4						starkote anchor 30 fathom chains used							
5						sails faste so ends this day fresh gales							
6						and Equally wind W S W							
7						Sabbate day							
8			Remarks on board Monday Oct 10 th 1864			This day commences with fresh breezes							
9						and Equally weather at 4 A M called all							
10						hands have up the anchor used sail							
11						at 10 A M come to anchor in abk frame							
12						commence to ship coal so ends							
1						this day fresh breezes and Equally							
2					from the N W and variable								
3			Remarks on board Tuesday Oct 11 th 1864			This day commences with fresh breezes							
4						and Equally at 2 30 A M commence to							
5						ship coal a heavy surf on shores							
6						which puts the boats of water at							
7						5 P M fires loading the Vessel							
8						Arrived 240 tons of coal have up the							
9						anchor used sail and put to sea so							
10						ends this with 12 hours sea log begin							
11													
12													
				Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from *St. Anne* S.B. towards New York City
Bark *Glaskometa* G. R. Hussey Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Wednesday Oct 12 1864
1						
2						
3						
4						
5						
6	3		ESE	South		
7	3					
8	4					
9	4				1	at 10 PM taked ship to the west ward
10	4					
11	5		WSW			
12	5					
1	4		ESE		1 1/2	At 12 M taked ship to the ESE ward St. Anne's light bore South distant 15 miles.
2	4					
3	3		WSW			at 2 AM taked ship to the WSW ward
4	3					at 4 AM taked ship to the ESE ward
5	3		East		1 1/2	
6	2					At 6 AM taked ship to the SW ward
7	2		SW	ESE		Latter part fresh breezes and squally
8	2					
9	2				1	also ends this with moderate breezes and passing clouds
10	2					Latitude by d. r. 43° 50'
11	2					Pumps well attended
12	2					

Course.	Distance.	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS on board day of Thursday Oct 13 1864
1						first part of this 24 hours commences With fresh breezes and passing clouds
2						At 2 30 PM taked ship to the SW ward
3	4		SW	ESE		At 3 PM Shatori's light house bore W by W distant 4 miles from which I take my departure
4	5				1/2	At 6 30 PM Louisburgh light bore SW distant 8 miles
5	6					
6	6					
7	6					
8	6					
9	7				1/2	
10	8					
11	9					
12	9				1/2	middle part squally landed the light sails and set the fore topsail dabble reefed
1	9					
2	8					
3	7					
4	6				1/2	Latter part fresh gales and squally Weather
5	6					At 6 AM set the maine topsail dabble reefed
6	6		SW 3/4 W		1/2	this 24 hours ends with fresh gales and squally weather no observation this day Latitude by d. r. 44° 20'
7	6					Pumps well attended
8	7					
9	7					
10	7					
11	7		WSW	ESE		
12	7					

Course.	Distance.	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from S. F. frame c. l. towards New York. N. Y.
Bark, Sacramento G. B. Hussey Master

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS on board day of Friday Oct 14 1864
1	8		W. S. W.	S. E.	$\frac{1}{2}$	First part of these 24 hours commenced with fresh gales and squally weather with a heavy sea running
2	8					
3	9					
4	9		W. S. S.	S. S. E.		
5	10		West		$\frac{1}{2}$	
6	10					
7	10					
8	10					
9	10		W. S. S.		$\frac{1}{2}$	Middle part fresh gales and squally weather with rain
10	10					
11	10					
12	10					
1	10					Latter part fresh gales and squally with heavy lightning
2	10					
3	10					
4	10					
5	6		W. S. W.		$\frac{1}{2}$	These 24 hours ends with fresh gales and variable with a heavy sea running from the S. E. ward no observation
6	6					
7	6					
8	5					
9	4		W. S. W.	S. W.	$\frac{1}{2}$	This day Latitude by obs. Pumps well attended
10	4					
11	4					
12	4		W. S. W.	S. W. S. W.		

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Saturday Oct 15 1864
1	2		W. S. W.	W. S. W.	$\frac{1}{2}$	First part of these 24 hours commenced with fresh gales and squally weather at 1 P. M. wore ship to the S. S. E. ward
2	2		S. S. W.			
3	2					
4	2		S. S. W.	West		
5	2				$\frac{1}{2}$	
6	2					
7	2		S. S. E.	S. W.		
8	2					
9	2				$\frac{1}{2}$	Middle part fresh gales and squally at 12 M wore ship to the westward
10	3					
11	3		S. S. S. W.	S. W. S. S.		
12	3					
1	3		W. S. S.	S. S. W.	$\frac{1}{2}$	Latter part fresh gales and squally with rain and a heavy sea running from East ward
2	3					
3	3		West			
4	3					
5	3				$\frac{1}{2}$	These 24 hours ends with fresh gales and squally weather
6	3		W. S. W.	S. W.		
7	3					
8	3					
9	3				$\frac{1}{2}$	Latitude by observation 4.3 02 Pumps well attended
10	3					
11	3		W. S. W.	S. W. S. W.		
12	3					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						$\frac{1}{2}$ 12			

Journal from Pt. Pano. C. B. towards New York by
Bark Sacramento J. B. Hursey Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Sunday Oct 16 1864
1	3		W N W	S W	1 1/4	First part of these 24 hours
2	3					commenced with fresh breezes
3	3		W N W	S W 1/2 W		and passing clouds with variable
4	3					Winds a heavy sea running
5	3		W N 1/2 E	West	1 1/4	At 5:30 P.M. took ship to the
6	4		S 1/2 W	W N W		Southward
7	4					At 6:10 P.M. Cape Able light
8	4					bore W 1/2 W distant 10 miles
9	4		S S W	West	1 1/4	
10	3					
11	2					middle part fresh breezes and
12	2				1 1/4	equally
1	2					
2	2					
3	2		S 1/2 W	W N W		
4	2				1 1/4	Latter part more moderate and
5	2					equal
6	2					
7	2					
8	2				1/2	At 8 A.M. spoke Brig relief of N.S.
9	2					from Gutenberg for Boston
10	2					These 24 hours ended with moderate
11	2		W N W	S W		breezes and passing clouds
12	2					Latitude by observation 42 39.
						Bumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 N.			

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS on board day of Monday Oct 17 1864
1	2		W N W	S W	1/2	First part of these 24 hours
2	2					commenced with moderate breezes
3	2					and passing clouds with variable
4	2		W 1/2 N	S S W	1/4	Winds
5	2					
6	2					
7	3					
8	4					
9	5				1/2	
10	5			South		
11	5					
12	5					middle part fresh gales and
1	3		S E 1/2 S	S S W	1 1/4	equally hauled all the light sail
2	3		S 1/2 E			and set the fore top sail double
3	3		S S W	West		reef
4	3		S W		2	
5	3					Latter part fresh gales and
6	3					passing clouds at 7 A.M. saw a man
7	3					her at fishing vessel to the Eastward
8	3					At 8 A.M. set the main top sail
9	3			N W	2	double reef
10	3					These 24 hours ended with fresh gales
11	3					and a heavy sea running no observation
12	3					this day Latitude by obs. 41 52
						Bumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 N.			

Journal from *Sea Lane* to *New York City*
Bark Sacramento of *B. Murray* Master

	K	F	COURSES	WINDS	LEEWAY	REMARKS
1	4		SW 1/2 S	W 1/2 N	1 1/2	First part of this 24 hours
2	4					commenced with fresh gales and
3	4					equally weather with a heavy
4	4					sea running
5	4				1 1/2	
6	4					
7	4					
8	4					
9	4				1 1/2	
10	4					
11	4					
12	4					middle part fresh gales and
1	4		SW 1/2 W	N 1/2 W	1 1/2	equally
2	4					
3	4					At 3 AM saw a ship to leeward
4	4					standing to the northward
5	4				1 1/2	latter part fresh gales and
6	4					equally
7	4					
8	4					
9	4		SW	NW 1/2 W	1 1/2	this 24 hours ends with fresh
10	4					gales and clear weather
11	4					
12	4					Latitude by observation 40 13.

Bumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 N			

	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		SW 1/2 S	West	1 1/2	First part of this 24 hours
2	3					commenced with fresh breezes
3	3					and passing clouds with variable
4	3					winds
5	3				1 1/2	
6	3					
7	3					
8	2					
9	2		SW	W 1/2 S	1 1/2	
10	2					
11	1					
12	1		SW	WSW		middle part moderate breezes
1	2		N 1/2 W	SE	1/2	and passing clouds and sail
2	3					
3	4					
4	5					
5	5			SE	1/2	Latter part fresh breezes and
6	4					variable winds with passing
7	3					clouds
8	2		SW 1/2 W	NW 1/2 W	1/2	this 24 hours ends with moderate
9	3					breezes and passing clouds
10	3					
11	3		NW	WSW		
12	3					Latitude by observation 39 40

Bumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 N			

Unterschied

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
						<i>11° W</i>			

Course.	Distance	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob
				+					

Journal from Sch pane L B. towards New York 11/9
Bark Harramento G B Hussey Master

	K	F	COURSES	WINDS.	LEEWAY.	REMARKS on board day of Saturday Oct 22 1869
1	4		SW 3/4 W	W 3/4 W	1/2	First part of this 24 hours commences
2	4					With fresh breezes and passing clouds
3	4		SW	W 1/2 W		With variable winds
4	4					
5	4				1/2	
6	4					
7	4					
8	4		W 1/2 W	W 3/4 W	1/2	At 8 PM Taked ship to the North
9	4					Ward
10	3					
11	3					
12	3					Middle part moderate breezes
1			calm	calm		and passing clouds
2						
3						
4						
5						Latter part calm
6						
7						At 2 A M saw a Vessel to the
8						East ward standing to the South
9						Ward
10						This 24 hours ends with light
11			calm	calm		Breezes and calm
12	3		W 3/4 W	SE		Latitude by observation 39 42
						Bumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
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	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Sunday Oct 23 1869
1	3		NW 3/4 W	E 1/2 E		First part of this 24 hours
2	4					commences with moderate breezes
3	4					And passing clouds
4	5					
5	5					
6	6					
7	7					
8	8					
9	9					
10	10					
11	10					
12	10					Middle part fresh gales and
1	5					passing clouds set the topsail,
2	5					double reefed
3	4					At 2 A M broke away the flume
4	4					peak-barn
5	3		SW 3/4 W	North	1 1/2	Latter part fresh gales and
6	3					clear and a heavy sea running
7	3					
8	3					
9	3				1 1/2	This 24 hours ends with fresh
10	3		WSW	W		breezes and clear at 10 A M pilot
11	3					barn on board
12	3					Bumps well attended

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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1/2 W

Journal from Pt. San Francisco towards New York City
Bark Sacramento J B Hussey Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Monday Oct 24 1864
1	3		W-S-W	W	$\frac{1}{2}$	First part of this 24 hours commences with fresh breezes and passing clouds At 4 P M tacked ship to the North North
2	3					
3	3					
4	3					
5	3		W-S-E		$\frac{1}{2}$	At 10 P M saw a sink light here West distant 2 miles At 12 M came by the Sandy Hook shoals part moderate breezes and passing clouds At 2 A M past the narrows
6	3					
7	3					
8	3					
9	3		W-S-W	W-S-W	$\frac{1}{2}$	At 4 A M came to anchor at the corvettier under anchor 30 fathoms chain used the sails fast At 7 A M the boat officer came on board called all hands here in the chain used sail at 9 A M the tug boat came along said take the vessel's hawse and tow the vessel to anchor of the battery at 1130 Boat and pilot went on shore the crew employed in making up the sails and clearing up the decks at 5 P M Steward went on shore so ends this with 36 hours harbor log begins
10	3					
11	3			West	$\frac{1}{2}$	
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						$\frac{1}{2}$ p W			

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	day of	18
1						Remarks on board Tuesday		
2						Oct 25 th 1864		
3						This day commences with moderate		
4						Breezes and clear at 6 AM called all hands		
5						the crew employed in the Vessel's duties		
6						so ends this day moderate breezes and		
7						clear wind West		
8						Remarks on board Wednesday		
9						Oct 26 th 1864		
10						This day commences with moderate		
11						Breezes and clear at 6 AM called all hands		
12						the crew employed in the Vessel's duties		
1						At 3 PM the crew went on shore so		
2						ends this day moderate breezes and		
3						clear wind W W		
4						Remarks on board Thursday		
5						Oct 27 th 1864		
6						This day commences with fresh breeze		
7						and passing clouds no crew on board		
8						At 1 PM the tug boat came along		
9						sayd towed the Vessel to ferry City		
10						and the Vessel past so ends this		
11						day fresh breezes and passing clouds		
12						Wind S. E.		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from *Barth Harrington* towards *L. B. Hursey*
Lying in port of New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board Sunday			This day commences with fine breezes		
2			Nov 6 to 1864			And clear noting down this day so much		
3						this with clear wind & W Sabbath day		
4								
5			Remarks on board Sunday			This day commences with fine breeze and		
6			Dec 4 to 1864			clear noting down this day so much for		
7						Weather Sabbath day		
8								
9			Remarks on board Sunday			This day commences with fresh breezes		
10			Dec 5 to 1864			And passing clouds at 1 PM commences		
11						to receive cargo so ends this day fresh		
12						Breezes and passing clouds wind SW		
1								
2			Remarks on board Tuesday			This day commences with fresh breezes		
3			Dec 6 to 1864			And passing clouds at 7 AM commences		
4						to take in cargo so ends this day for		
5						Weather Wind west		
6								
7			Remarks on board Wednesday			This day commences with fresh breezes		
8			Dec 7 to 1864			And passing clouds at 7 AM commences to		
9						receive cargo so ends this day for weather		
10						Wind W & W		
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	day of	18
1			Remarks on board Thursday			This day commences with fresh breezes		
2			Dec 8 to 1864			And passing clouds at 7 AM commences		
3						to take in cargo so ends this day fresh		
4						Breezes and passing clouds wind W & W		
5								
6			Remarks on board Friday			This day commences with fresh breezes		
7			Dec 9 to 1864			And passing clouds at 7 AM commences		
8						to receive cargo so ends this day fresh		
9						Breezes and passing clouds wind North		
10						At 9 AM the Sturwarte was on board		
11								
12			Remarks on board Saturday			This day commences with fresh gales		
1			Dec 10 to 1864			And on our weather at 2 PM commences		
2						to receive cargo so ends this with		
3						fresh gales and rainy weather		
4						Wind W & E		
5								
6			Remarks on board Sunday			This day commences with fresh gales		
7			Dec 11 to 1864			And rainy weather noting down this		
8						day so ends this with fresh gales and		
9						cloudy weather wind W & E		
10						Sabbath day		
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Bark Harbarenta towards L B Keesey lying in ports of New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board Tuesday			This day commences with moderate		
2			Dec 20 th 1864			Breezes and passing clouds at 7 AM		
3						Commences to receive cargo on board		
4						This day fresh breezes and passing clouds		
5								
6			Remarks on board Wednesday			This day commences with fresh breezes		
7			Dec 21 st 1864			And the evening weather at 12 AM		
8						finest looking the vessel sa ends		
9						This day moderate weather with rain		
10								
11			Remarks on board Thursday			This day commences with fresh breezes		
12			Dec 22 nd 1864			from the NW sa ends this day fresh		
1						Breezes and passing clouds wind NW		
2								
3			Remarks on board Friday			This day commences with fresh breezes		
4			Dec 23 rd 1864			And clear at 10 AM hauled the vessel		
5						in to the wharf to take the coal on		
6						board sa ends this day fair weather		
7								
8			Remarks on board Saturday			This day commences with fresh breezes		
9			Dec 24 th 1864			and passing clouds at 7 AM the rigors		
10						begin on board to gate the vessel ready		
11						for sea sa ends this day fair weather		
12						Wind SW		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	day of	18
1			Remarks on board Sunday			This day commences with moderate		
2			Dec 25 th 1864			Breezes and clear morning down this		
3						day sa ends this day moderate breezes		
4						And clear wind SW but day		
5								
6			Remarks on board Monday			This day commences with moderate		
7			Dec 26 th 1864			Breezes and foggy with rain morning		
8						down this day sa ends this with moderate		
9						Breezes and foggy weather wind ESE		
10								
11			Remarks on board Tuesday			This day commences with moderate		
12			Dec 27 th 1864			Breezes and foggy weather morning		
1						Down this day sa ends this with foggy		
2						Weather wind SE		
3								
4			Remarks on board Wednesday			This day commences with moderate		
5			Dec 28 th 1864			Breezes and foggy weather morning down		
6						This day sa ends this with moderate		
7						Breezes and variable winds wind SW		
8								
9			Remarks on board Thursday			This day commences with fresh breezes		
10			Dec 29 th 1864			and passing clouds morning down		
11						This day sa ends this with fresh breezes		
12						and passing clouds wind NW		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remarks on board <i>St. Anthony</i> this day commences with fresh		
2						<i>Dec 30 to 1864</i> breezes from the westward and		
3						Passing clouds at noon the tug		
4						Boat comes along said to lead the		
5						Vessel up in the stream at 3 PM		
6						The crew were on board the vessel		
7						beck for sea so ends this day		
8						moderate breezes and variable		
9						Winds wind NW		
10								
11						Remarks on board <i>St. Anthony</i> this day commences with fresh		
12						<i>Dec 31 to 1864</i> breezes and snowing weather		
1						at 1 PM wind hauled to the NE		
2						with snow and frost melting		
3						down this day so ends fresh		
4						breezes from the NE		
5								
6						Remarks on board <i>St. Anthony</i> this day commences with fresh		
7						<i>January 1 to 1864</i> breezes and clear at 8 AM		
8						all hands at 8 AM med sail		
9						and hove up the anchor at 10 15		
10						AM the pilotate went on shore		
11						the ends this with 12 hours sea		
12						Log begins		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board	day of	Monday	Jan 2 to 1864
1	8		SE by E	W by W		At noon New orleans light house			
2	8					bore W by W distant 4 miles from			
3	8					Which I take my departure			
4	8					At 4 PM set the fore top sail			
5	8					double reefed			
6	8								
7	8								
8	8								
9	8								
10	8								
11	8								
12	8								
1	8			W by W		Whidde part fresh gales and			
2	8					Passing clouds with a heavy sea.			
3	8					Running			
4	8								
5	8					Latter part fresh gales and passing			
6	8					clouds			
7	8								
8	8					At 8 AM med. sail			
9	8	SE		W by W		These 24 hours ends with fresh gales			
10	8					and passing clouds and variable			
11	8					Winds			
12	8					Latitude by Observation 38 04.			
						Pumps well attended			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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W by W

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of, Tuesday January 3 1864
1	8		SE	SW		These 24 hours commences with fresh gales and passing clouds and a heavy sea running
2	8					
3	8					
4	8					
5	8		SE			
6	8					
7	8					
8	8			WSW		
9	8					
10	8					
11	8					
12	8					Whistle part fresh gales and passing clouds with variable winds
1	8					
2	8					
3	7					
4	7			SW		
5	7					Latter part fresh gales and passing clouds with variable winds
6	7					
7	7		SE			
8	7			WSW		These 24 hours ends with fresh gales and passing clouds
9	6					The gulf stream current in which I also
10	6					30 miles no observation this day
11	6					Latitude by S R. 37 00.
12	6					Pumps with the other day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						3/4 N W			
H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	on board	day of	1867
1	5		SE	ENE	1/2	These 24 hours commences with fresh gales and passing clouds with variable winds		Wednesday	Jan 4
2	5								
3	5								
4	5								
5	5		SE 1/2 S	E 1/2 N	1/2	At 1 PM saw a brig to the East			
6	5					ward standing to the NW ward			
7	4		SE	East					
8	4		SE	E 1/2 S					
9	4				1/2				
10	3								
11	3		SE 1/2 W	SE		At 1130 PM wore ship to the SE			
12	3					ward part fresh breezes and			
1	4		SE 1/2 E	SW	1/2	Squally weather			
2	5								
3	6								
4	6								
5	6				1/2	Latter part fresh gales and			
6	6					Squally with rain			
7	6								
8	7								
9	7				1/2				
10	7					These 24 hours ends with fresh			
11	7					gales and squally with rain			
12	7		SE 1/2 E	WSW		no observation this day			
						Latitude by d r 36 12.			
						Pumps well attended			
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from New York
Bark Sacramento

towards Rio Janeiro Brazil
G B Hussey Master

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of Thursday January 8 65
1	6		SE 3 E	WSW		These 24 hours commences with fresh gales and squally with rain and a heavy sea running at 2 PM haul the under close reef main top sail and fore top stashed
2	6			SW		
3			by top up SW 3 E		5°	
4			off South Drift 3			
5			miles per hour		2°	
6						
7						
8						
9					5°	At 9 PM shift a sea in which there in the bolwerk on the starboard side and west of the galen bolwerk on the port side shidelle part fresh gales and squally with a heavy sea running
10						
11					5°	
12						
1						
2						
3						At 330 AM set the main top sail gose wings latter part fresh gales and squally and a heavy sea running in which the vessel or laboring wore heavy these 24 hours ends with fresh gales and squally with rain.
4					5°	
5						
6						
7						
8						
9					5°	Latitude by observation 35° 18' Pumps well attended
10			up WSW off SW 3 E			
11			Drift 3 miles per			
12			hour			
1						
2						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Friday January 9 65
1	6		SE	SW		First part of these 24 hours commences with fresh gales and passing clouds at 1 PM sets the foresail reefed
2	6					
3	6					
4	6					
5	6					
6	6					
7	6		SE 3 E 1/2 E	SW		At 6 PM more moderate wind old sail
8	6					
9	6					
10	6					
11	6					
12	5					shidelle part moderate breeze and passing clouds with a heavy sea running a variable wind
1	5		SE 3 E	North		
2	5					
3	5					
4	5					
5	5					
6	5					Latter part moderate breezes and variable winds
7	5					
8	5					
9	5					
10	5					
11	5					
12	5		SE	NE		These 24 hours ends with moderate breezes and variable winds Latitude by observation 34° 25' Pumps well attended

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from New York towards Rio Janeiro Brazil
Bark Richmond of B. H. Halsey Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of	1865
1	4		E by W	SE	1/2	First part of this 24 Hours	Saturday January 7
2	4					Commences with fresh breezes and	
3	4					Passing clouds	
4	4					At 2 PM take ship to the ENE	
5	4		E by S	SE by S	1/2	Wind back of the fore sails for some	
6	4					And we have found two casks of	
7	4					Water stored in which held 250	
8	4					gallons etc	
9	4		E by W	SE	1/2	At 9 PM hauled all the Light	
10	4					Sails	
11	4		E by S	SE by S		At 12 sets the top sails double	
12	4					reefed	
1	4				1/2	Middle part fresh gales and	
2	4		ESE	South		passing clouds and variable	
3	4						
4	4						
5	3				1/2	Latter part fresh gales and	
6	3					passing clouds with variable Winds	
7	3		SE	SSW		At 8 AM saw a Brig to the South	
8	3					Wind steering to the East at 9 AM	
9	3				1 1/2	Spoke the Brig Langes of New York	
10	2					in Latitude 35 20 Longitude 61 47	
11	2					The Brig in sinking condition which	
12	2					the Capt and the crew wish to be taken up	
Latitude by observation 35 14.							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
						1 1/2 W			

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS on board day of	1865
1			by to up SE by E		5	First part of this 24 Hours	Sunday January 8
2			off E by S Drift 3			Commences with fresh gales and	
3			miles per Hours			Squally with rain The vessel	
4						Lying to for to relieve the crew	
5					5	from the brig the first chance	
6							
7							
8							
9					5		
10							
11							
12						Middle part fresh gales and Squally	
1					5	With rain and a heavy sea running	
2						With variable winds	
3							
4							
5					5	Latter part fresh gales and squally	
6						With rain and a heavy sea running	
7							
8							
9					5	These 24 Hours ends with fresh gales	
10						And squally in which shed note	
11						board the Brig. these 24 hours	
12						Latitude by observation 35 24	
Pumps well attended							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob
						1 1/2 W			

Journal from New York towards Rio Janeiro Brazil
 Bark Blackamer to J. B. Halsey Master

H	K	F	COUR	WINDS.	LEEWAY.	REMARKS on board day of Wednesday 1865 January 11
1	7		West	SSW	1/2	First part of these 24 Hours
2	7					Commences with fresh gales
3	7					And passing clouds with variable
4	6					Winds
5	6		W by N	SW	1/2	At 4 P M set the fore and main
6	6					Top sails double reefed
7	6					
8	6					
9	5				1	At 10 P M hauled main sail
10	5					jibs and spanker
11	5					
12	5					middle part fresh gales and
13	2				2	passing clouds hauled the
14	2					fore sail
15	2					
16	2				3	Latter part fresh gales and
17	2					Equally Weather
18	2					
19	2					These 24 hours ends with fresh
20	2		W by N	SW	3	gales and Equally at Harware
21	2					Ship and hauled the fore top
22	2					sail a heavy sea running in which
23	2					the Vessel labor was heavy
24	2					Latitude by observation 34 45.
Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob.						4 p m

H	K	F	COURSES	WINDS	LEEWAY	REMARKS on board day of Thursday 1865 January 12
1	by to up S by E off S by E				5	First part of these 24 Hours
2	Drift 2 miles per hour					Commences with fresh gales
3						and Equally Weather with a
4					5	Heavy sea running
5						
6						
7					5	middle part fresh gales and
8						Equally with rain
9						
10					5	Latter part fresh gales and
11						Equally with rain
12						
13						
14					2	These 24 Hours ends with moderate
15	up W by N off WNW					gales and passing clouds used sail
16	Drift 2 miles per hour					
17	at 11					Latitude by observation 34 25.
18	4					promptly attended
Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob.						

*Journal from New York towards Rio Janeiro Brazil
Barth Haskinsmont & H. Hussey Shastor*

	K	P	COURSE	WIND	LEEWAY	REMARKS
						on board day of Friday January 13 1865
1	5 ⁰		S.W	N.E		First part of this 24 Hours
2	5 ⁰					commenced with fresh breezes
3	5 ⁰					and passing clouds
4	5 ⁰					At 4 PM wind at said
5	5 ⁰					
6	5 ⁰					
7	5 ⁰					
8	5 ⁰					
9	5 ⁰		S.W	N.E		
10	5 ⁰					
11	5 ⁰					
12	5 ⁰					Middle part fresh breezes
1	4					and passing clouds
2	4					
3	4					
4	4					
5	4					
6	4					
7						
8						
9						
10						
11						
12						

[illegible]

	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
1				Remarks on board Saturday		
2				January 14. 1865		
3				This day commences with fresh		
4				breezes and passing clouds at 6 AM		
5				called all hands the crew employed		
6				in getting reeds to fill water		
7				At 9 AM the brig crew went		
8				on shore water received on		
9				Water to day so ends this		
10				day fresh breezes and passing		
11				clouds wind SW		
12						
1				Remarks on board Sunday		
2				January 15. 1865		
3				This day commences with fresh		
4				gales and squally at 2 AM		
5				received 423 gallons of water		
6				at 7 AM called all hands the crew		
7				employed in washing decks down		
8				no more done this day so ends		
9				this with fresh gales and squally		
10				part of crew on liberty Saturday		
11						
12						
1				Remarks on board Monday		
2				January 16. 1865		
3				This day commences with fresh		
4				gales and squally at 9 AM received balance		
5				of the water at 12 The pilot came		
6				on board could not get in the way		
7				this day so ends this fresh gales and		
8				squally wind SW		
9						
10						
11						
12						
	Course	Distance.	Diff. of Lon.	Departure	Lat. by D.R.	Lat. by Ob.
				Variation.	Diff. of Lon.	Lon. in.
						Lon. by Ob.

Journal from New York towards Rio Janeiro Brazil
Bank Sacramento G B Hensley Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remarks on board Tuesday		
2						January 17 to 1865		
3						This day commences with fresh		
4						gales and squally the crew are		
5						placed in the vessels due the		
6						sa ends this day fresh gales and		
7						squally with rain wind variable		
8						Remarks on board Wednesday		
9						January 18 to 1865		
10						This day commences with moderate		
11						te breezes and passing clouds at 8		
12						AM pilot comes on board at 830		
1						AM hove up the anchor and set		
2						at 930 AM the pilot went on		
3						shore at 1030 AM Eastern point		
4						at 11 yards Bermuda bore W 1/2 N		
5						distance 10 miles sa ends this with		
6						12 Hours sea log begins		
7								
8								
9								
10								
11								
12								

69
11
81

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob

H	K	F	COURSES	WINDS	LEEWAY	REMARKS on board day of Thursday January 19 ¹⁸⁶⁵
1	7		E by S	W by N		First part of this 24 hours
2	7					commences with fresh gales
3	7					and passing clouds
4	7					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					
1	7					
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7					
10	6					
11	6					
12	6					

West

W by N

N by W

E by S

First part of this 24 hours commences with fresh gales and passing clouds

Middle part fresh gales and And passing clouds

Later part fresh gales and passing clouds

This 24 hours ends with fresh breezes and passing clouds with variable winds and all sail
Latitude by observation 32 09
Barometer well at the end

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob

E by S 164

N by W

Journal from New York towards Rio de Janeiro Brazil
Bark Harpmentia J B Hussey Master

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of Friday January 18 65
1	10		E by S	W by N		First part of this 24 hours
2	10					commenced with fresh gales
3	10					and passing clouds
4	10					
5	10					
6	10					
7	10					
8	10					
9	10			North		
10	10					
11	10					
12	10		E by S			Middle part fresh gales and
1	10					passing clouds with variable
2	10					winds
3	10					
4	10			SW		
5	6					Latter part fresh gales and
6	6					passing clouds with variable
7	5					Winds at 9 AM hauled all the
8	5					light sails
9	5			SW		This 24 hours ends with fresh
10	5					gales and passing clouds
11	5					Latitude by observation 31 5'
12	5		E by S			Pumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						3/4 p W			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Saturday January 19 65
1	7		E by S	SW		First part of this 24 hours
2	7					commenced with fresh gales and
3	7					Alqually weather at 1 PM set the fore
4	7					and main top sail double reefed
5	7			W by N		and hauled the main top sail
6	7					at 4 PM hauled the fore
7	7					
8	7					
9	7					at 9 PM heavy squalls hauled the
10	7					fore top sail
11	7					
12	7		E by S	West		Middle part fresh gales and squally
1	7					
2	7					at 2 AM more moderate sets fore
3	7					top sail
4	7					
5	7			W by N		Latter part fresh gales and
6	7					passing clouds
7	7					
8	7					
9	7					This 24 hours ends with fresh
10	7					gales and passing clouds
11	7					Latitude by observation 31 5' 6"
12	7		E by S	NW		Pumps well attended

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						3/4 p W			

Journal from New York towards Rio Janeiro Brazil
 Bark Sacramento to J. B. Hussey Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Thursday 1865
1	9		E by S	W N W		First part of these 24 Hours commences with fresh gales and Squally Weather with a heavy sea running in which the vessel's Lard ware heavy and waste some boards of the deck.
2	9					
3	9					
4	9					
5	9					
6	9					
7	9					
8	9					
9	8					
10	8					
11	8					Middle part fresh gales and Squally
12	8		E by S	W N W		
1	8					
2	8					
3	8					
4	8					Latter part fresh gales and Squally With a heavy sea running from the NW in which I saw 1 mile from Hours
5	8					
6	8					
7	8					
8	8					
9	8					These 24 Hours ends with moderate gales and passing clouds sets the main top sail and main top gallant sail Latitude by observation 31 40
10	8					
11	8					
12	8		E by S	W N W		

Course.	Distance.	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 W			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Saturday 1865
1	8		E by S	W N W		First part of these 24 Hours commences with fresh gales and Squally Weather with a heavy sea running
2	8					
3	7					
4	7					
5	7					
6	7			W N W		
7	7					
8	7					
9	7					
10	7					
11	7					Middle part fresh gales and Squally with variable winds at mid night hauled the main top gallant sail
12	7		E by S	W N W		
1	7					
2	7					
3	7					
4	7					Latter part fresh gales and Squally sets the main top sail double reefed At 7 AM more moderate sets the main sail and fore
5	7			W N W		
6	7					
7	7					
8	7					
9	7					These 24 Hours ends with moderate gales and passing clouds
10	7					
11	7					
12	7		E by S	W N W		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						2 1/2 W			

Journal from New York towards Rio Janeiro Brazil
Bark Arramont to L B Hussey Master

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS
171 course day of Tuesday January 24 1865						
1	6		E by S	W by W		First part of this 24 Hours
2	6		E S E			commenced with fresh gales
3	6					and squally weather with variable
4	6		E S E 1/2 E	NW		winds
5	6					
6	6					
7	6					
8	6					
9	6					At 9 PM hauled the main sail
10	6					
11	6					
12	6			W by W		Middle part fresh gales and
1	6					squally with rain
2	6					
3	6					
4	6					
5	6			W by W		Latter part fresh gales and
6	6					squally with variable winds
7	6					
8	6					This 24 Hours ends with fresh
9	6					gales and passing clouds with
10	6					a heavy sea running
11	6					
12	5		E S E			Latitude by observation 31 0.3 Run for well attended

Course.	Distance.	Diff of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob
						1 1/2 p W			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
on board day of Wednesday January 25 1865						
1	5		E S E	W by W		First part of this 24 Hours
2	5					commenced with fresh gales
3	5					and passing clouds with variable
4	5					winds
5	5					
6	5			W by W		
7	5					
8	5					
9	5					
10	5					
11	5					
12	5		E S E	West		Middle part fresh breezes and
1	5					passing clouds
2	5					
3	5					
4	5					
5	5					Latter part fresh breezes and
6	5					passing clouds with variable
7	4					winds
8	4					
9	4					This 24 Hours ends with fresh
10	4					breezes and passing clouds and
11	4					variable winds
12	4		E S E	West		Latitude by observation 30 46. Run for well attended

Course	Distance.	Diff of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 p W			

Journal from New York towards Rio Janeiro Brazil
Bark Sacramento by B Hussey Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	on board day of Thursday January 26 1865
1	6		ESE	west		First part of this 24 Hours	
2	6					commences with fresh Breezes	
3	6					And clear at 3 PM saw a vessel	
4	6		SSE			to the southward standing	
5	6					to the northward	
6	6						
7	6						
8	6						
9	6						
10	6						
11	6						
12	6						
1	6					Middle part fresh Breezes	
2	6					and passing clouds	
3	6			WNW			
4	6						
5	6						
6	6						
7	6						
8	6						
9	6						
10	5						
11	5						
12	5		SSE	WSW			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						None			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	on board day of Friday January 27 1865
1	2		SESE	West		First part of this 24 Hours	
2	2					commences with moderate breezes	
3	2					and clear weather with variable	
4	2		South	WSW		Winds	
5	2						
6	2						
7	2						
8	2						
9	2						
10	2						
11	2						
12	2						
1	2					Middle part moderate breezes	
2	2					and variable Winds	
3	2						
4	2						
5	2						
6	2						
7	2						
8	2						
9	2						
10	2						
11	2						
12	2						

Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from New York towards Rio Janeiro Brazil
Bark Herculano to G B Blissog Master

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of Saturday 1865 January 28
1	4		SW 3/4 S	SE 3/4 S	1/2	First part of this 24 Hours commences with moderate breezes and clear with variable winds at 2 PM sand up the fore rake yard
2	4					
3	4					
4	4					
5	4		SW 3/4 W	South	1/2	
6	4					
7	4					
8	4					
9	4		SW 1/2 S	SE	1/2	
10	4					
11	4					
12	4		SW 3/4 S			Middle part moderate breezes and clear
1	4				1/2	
2	4					
3	4					
4	4					
5	4				1/2	Latter part moderate breezes and passing clouds
6	4					
7	4					
8	4					
9	4		SW 3/4 W	S 1/4 W	1/2	This 24 Hours ends with moderate breezes and passing clouds with variable winds Latitude by observation 27 51. Pumps well attended
10	4					
11	4					
12	4					

Course	Distance.	Diff of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob
						1 3/4 W			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Sunday 1865 January 29
1	4		SW 3/4 W	South	1/2	First part of this 24 Hours commences with moderate breezes and passing clouds at 4 PM bend a new jesse and fore top staisel
2	4					
3	4					
4	4		SW 3/4 W	W S 1/4 W	1/2	
5	4					
6	4					
7	4					
8	3					
9	3				1/2	
10	3		SW	SE		
11	3					
12	3					Middle part moderate breeze and passing clouds with Variable winds
1	3		SW 3/4 S	SE	1/2	
2	3					
3	3					
4	3					
5	3				1/2	Latter part moderate breezes and passing clouds
6	3					
7	3		SE 1/4 N	SE		
8	3					At 9 AM take ship to the west ward
9	3				1/2	
10	3		SW 3/4 W	South		This 24 Hours ends with moderate breezes and variable winds
11	3					Latitude by observation 27 07. Pumps well attended
12	3		W 3/4 S	SW 3/4 S		

Course	Distance.	Diff of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob.
						1 3/4 W			

Journal from New York towards Rio Janeiro Brazil
Bark Sacramento by B. Hussey Master

		F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Monday January 30 1865
1	2		E S E	South	1/4	First part of this 24 Hours commences with moderate breezes and passing clouds with variable winds at noon take ship to the Eastward
2	2		S E by E			
3	2					
4	2					
5	2				1/4	
6	2					Middle part moderate breezes and variable winds with passing clouds
7	2		E by S	S E by S		
8	2					
9	2				1/4	
10	2					
11	2		S E by E	South		Latter part moderate breezes and passing clouds with rain
12	2				1/4	
1	2					
2	2					
3	2					
4	2		S S E		1/4	This 24 Hours ends with moderate breezes and clear
5	2		South	S S W		
6	2					
7	2				1/4	
8	2					
9	1		S E by E			Latitude by observation 26 58. Pumps well attended
10	1					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 W			

		F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Tuesday January 31 1865
1	4		S E by S	S by W	1/4	First part of this 24 Hours commences with fresh breezes and clear with variable winds
2	4					
3	4					
4	4					
5	3				1/4	
6	3					Middle part moderate breezes and passing clouds with rain
7	3					
8	3					
9	3		E S E	South	1/4	
10	3					
11	3					Latter part calm with rain
12	3				1/4	
1	3		calm	calm		
2	3					
3	3					
4	3					At 9 AM hauled all the light sails At 10 AM saw a vessel to the Southward standing to the Northward This 24 Hours ends with fresh breezes and passing clouds Latitude by observation 26 31. Pumps well attended
5	3					
6	3					
7	3					
8	3		calm	calm	1/4	
9	3		S E by E			
10	3					
11	3					
12	3					

Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from New York towards Rio Janeiro Brazil
Bark *Albatross* Capt. B. H. Hays on board day of Wednesday Feb 1 1865

H	K.	F	COURSES	WINDS.	LEEWAY.	REMARKS
1	50		SSE	SSW	1/4	First part of these 24 hours commences with fresh breezes and passing clouds with variable wind at 5 PM saw a vessel to the windward standing to the Eastward
2	50					
3	50					
4	50					
5	50				1/4	
6	50					
7	50					
8	50					
9	50		SSE	SEW	1/4	Middle part fresh breezes and passing clouds at 2 AM hauled the main top gallant sail and flew jib
10	50					
11	50					
12	50					
1	50		SSE 1/2 E	South	1/4	Latter part fresh breezes and variable winds at 7 AM saw a vessel standing to the NE ward These 24 hours ends with fresh breezes and clear
2	50					
3	50					
4	50					
5	50		SSE	SSW	1/4	
6	60					
7	60					
8	60					
9	60				1/4	Latitude by observation 25° 45'. Pumps well attended
10	60					
11	60		SSE	SEW		
12	60					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2° W			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	50		SSE 1/2 S	SW 3/4 S	1/4	First part of this 24 hours commences with fresh breezes and passing clouds with variable winds
2	50					
3	50					
4	50					
5	50				1/4	
6	50					
7	50		SE	SSW		
8	50				1/4	
9	50					Middle part squally with rain
10	50					
11	50		SSE 1/4 S	SW 3/4 S		
12	50				1/4	
1	50		South	WSW		Latter part moderate breezes and passing clouds at 8 AM tacked ship to the west ward at 10 AM tacked ship to the East ward These 24 hours ends with fresh breezes and passing clouds
2	50					
3	50					
4	50		SSE 1/2 S	SW 3/4 S	1/4	
5	50					
6	50					
7	50					
8	50		SSE 1/2 E	South		
9	50		WSW	SW	1/4	Latitude by observation 24° 59'. Pumps well attended
10	50					
11	50		SSE 1/4 S	SW 3/4 S		
12	50					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2° W			

Journal from New York towards Rio Janeiro Brazil
Bark Sacramento by B. Hussey Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Friday Feb 3 rd 1865
1	50		SE 1/4 S	SW 3/4 S	1/4	First part of this 24 Hours commenced with fresh breezes and passing clouds with variable winds
2	50					
3	50					
4	50					
5	50		SE	SW	1/4	
6	50					
7	50					
8	50					
9	50		SE 1/4 S	SW 3/4 S	1/4	
10	50					
11	50					
12	50					
1	50		SE	SW	1/4	Middle part fresh breezes and passing clouds
2	50					
3	50					
4	50					
5	50		South	WSW	1/4	
6	50					Latter part moderate breezes and clear with variable winds
7	50					
8	50					
9	50					This 24 Hours ends with moderate breezes and clear
10	6				1/4	Latitude by observation 23 30.
11	6					Bumps well attended
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 p w			

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS on board day of Saturday Feb 4 th 1865
1	50		South	WSW		First part of this 24 Hours commenced with moderate breezes and passing clouds with variable winds
2	50					
3	50					
4	50					
5	50					
6	50					
7	50					
8	50					
9	50					
10	50					
11	50					
12	50			WSW		Middle part moderate breezes and passing clouds
1	50					
2	50					
3	50					
4	50					
5	50					Latter part moderate breezes and passing clouds
6	50					
7	50					
8	50			North		
9	50					This 24 Hours ends with moderate breezes and variable winds
10	50					Latitude by observation 22 16.
11	50		South			Bumps well attended
12	50					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 p w			

Journal from New York towards Rio Janeiro Brazil

Barth Sacramento L B Hussey Master

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS	on board day of	1865
1	4		South	WSW	1/2	First part of these 24 Hours commences with moderate breezes and passing clouds	Sunday Feb 6	
2	4							
3	4							
4	4		WSW	South				
5	4				1/2			
6	4							
7	4							
8	4		SW 3/4 W					
9	4				1/2			
10	4							
11	4							
12	4							
1	3		W 3/4 S	S 3/4 W	1/2	Middle part moderate breezes and passing clouds with variable winds		
2	3							
3	3							
4	3							
5	2				1/2	Latter part moderate breezes and passing clouds at 7 AM saw a quantity of vessels standing to the N E ward		
6	2							
7	2							
8	2							
9	2		SW 3/4 S	S 3/4 E	1/2	These 24 Hours ends with moderate breezes and passing clouds with variable winds Latitude by observation 21 34. Pumps well attended		
10	2							
11	2							
12	2							

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
						1 1/2 p W			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	on board day of	1865
1	3		S 3/4 W	SE	1/2	First part of these 24 Hours commences with moderate breezes and equally with variable winds	Sunday Feb 6	
2	3							
3	3		South	ESE				
4	3							
5	3				1/2			
6	3		SSW	SE				
7	3							
8	3							
9	3				1/2			
10	3							
11	3							
12	3							
1	3				1/2	Middle part moderate breezes and passing clouds		
2	3							
3	3							
4	3							
5	3		SW 3/4 S	S 3/4 S	1/2	Latter part moderate breezes and passing clouds		
6	2							
7	2							
8	2							
9	2					These 24 Hours ends with calm and was late Latitude by observation 20 27 Pumps well attended		
10	2							
11	2		calm	calm				
12	2							

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
						1 1/2 p W			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	on board day of Tuesday Feb 7 th 1865
1	2		SE	SW	1/4	First part of this 24 hours	
2	2					continues with moderate breeze	
3	2					and calm	
4	2						
5	2		South	North	1/4		
6	1						
7	1						
8	1						
9	1				1/4		
10	1						
11	1						
12	1					middle part calm with passing	
1	1				1/4	clouds	
2	1						
3	1			NE			
4	1						
5	1				1/4	Latter part moderate breeze	
6	1					and passing clouds	
7	1						
8	1						
9	1				1/4	This 24 hours ends with moderate	
10	1		SW 3/4	SE		breeze and passing clouds	
11	1						
12	1					Latitude by observation 19 58	
						Baromet with attached	

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS on board	day of Wednesday	1865		
1	2		SW	SSW	$\frac{1}{4}$	First part of this 24 hours commences with moderate breezes and passing clouds with variable winds	July 8	60		
2	2									
3	2									
4	2									
5	2				$\frac{1}{4}$					
6	2									
7	2					Middle part moderate breezes and calm				
8	2		SW	SSW	$\frac{1}{4}$					
9	2									
10	2									
11	2									
12	2									
1	2		South	SSW	$\frac{1}{4}$	Latter part moderate breezes and clear				
2	2									
3	2									
4	1									
5	1				$\frac{1}{4}$					
6	1									
7	1					This 24 hours ends with calm and wave tops				
8	1									
9	1		SW	SSW	$\frac{1}{4}$					
10	1									
11	1									
12	1									
Latitude by observation 19 21. Pumps well attended										

[illegible]

Journal from New York towards Rio Janeiro Brazil
Bark Harbinger to G. B. Hussey Master

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of Thursday Feb 9 1865
1	2		Sauth	W S W	$\frac{1}{2}$	First part of this 24 Hours commences with moderate breezes and passing clouds
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	4					
9	4		S by E	NW	$\frac{1}{2}$	
10	4					
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					
5	4		S by E	NW	$\frac{1}{2}$	Middle part moderate breezes and passing clouds
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	4		S by E	NW	$\frac{1}{2}$	Latter part fine breezes and passing clouds
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4		S by E	NW	$\frac{1}{2}$	This 24 Hours ends with fresh breezes and passing clouds
10	4					
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					
5	4		S by E	NW	$\frac{1}{2}$	Latitude by observation 17° 55' Breeze well attended
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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1 1/2 p m

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of Friday Feb. 10 1865
1	8		S by E	NW		First part of this 24 Hours commences with fresh breezes and passing clouds
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	8					
9	8		S by E	NW		
10	7					
11	7					
12	7					
1	7					
2	7					
3	7					
4	7					
5	7		S by E	NW		Middle part fresh breezes and passing clouds
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					
1	7		S by E	NW		Latter part fresh breezes and passing clouds
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7		S by E	NW		This 24 Hours ends with fresh breezes and passing clouds
10	7					
11	7					
12	7					
1	7					
2	7					
3	7					
4	7					
5	7		S by E	NW		Latitude by observation 15° 11' Breeze well attended
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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1 1/2 p m

Journal from New York towards Rio Janeiro Brazil
Bark Sacramento L B Hussey Master

H	K	F	COURSES	WINDS	LEEWAY	REMARKS	on board	day of	18
								Saturday	65
1	7		S ½ E	NW E		First part of this 24 Hours		Feb 11 th	
2	7					commences with fine breezes			
3	7					and passing clouds			
4	7								
5	6					At 5 PM saw a vessel to the			
6	6					Westward standing to the South			
7	6					ward			
8	6								
9	6								
10	6								
11	6								
12	6					Middle part moderate			
1	6					Breezes and passing clouds			
2	6								
3	6								
4	6								
5	6					Latter part moderate breezes			
6	6					and passing clouds			
7	6								
8	6								
9	6					This 24 Hours ends with moderate			
10	6					Breezes and wave hate			
11	6								
12	6		S ½ E	NW E		Latitude by observation 12 46.			
						Pumps well attended			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
						1 ½ N			

H	K	F	COURSES	WINDS	LEEWAY	REMARKS	on board	day of	18
								Sunday	65
								Feb 12 th	
1	6		S ½ E	NW E		First part of this 24 Hours			
2	6					commences with fine breezes			
3	6					and passing clouds			
4	6								
5	6								
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								
12	7					Middle part fresh breezes			
1	7					and passing clouds			
2	7								
3	7								
4	7								
5	7					Latter part fresh breezes and			
6	7					passing clouds			
7	7		S ½ E	E ½ E					
8	7								
9	7					This 24 Hours ends with fresh			
10	7					Breezes and clear			
11	7								
12	7					Latitude by observation 10 16.			
						Pumps well attended			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob
						1 ½ N			

Journal from New York
to Sacramento

to Rio Janeiro Brazil
by H. Hussey Clusters

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of Monday Feb 18 1865
1	6		S by E	N E		First part of these 24 Hours
2	6					commences with fresh breezes
3	6					and passing clouds
4	6					
5	6					
6	6					
7	6					At 7 PM saw a Vessel to the
8	6					SSE standing to the North west
9	6					
10	6					
11	6			W N E		
12	6					middle part fresh breezes and
1	7					passing clouds
2	7					
3	7					
4	7					
5	7					Latter part fresh breezes and
6	7					passing clouds
7	7					
8	7					
9	7					These 24 Hours ends with fresh
10	7					breezes and passing clouds
11	7					
12	7		S by E	W N E		Latitude by observation 07 51. Pumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Tuesday Feb 19 1865
1	6		S by E	N E	1/2	First part of these 24 Hours
2	6					commences with fresh breezes
3	6					and slightly weather
4	6					
5	6				1/2	
6	5					
7	5					
8	5					
9	5				1/2	
10	5					
11	5					
12	5					middle part fresh breezes
1	5				1/2	and slightly with rain
2	5					
3	5		SW	SSE		
4	5		SSW	SE		
5	5				1/2	Latter part moderate breezes
6	5					and passing clouds with variable
7	5					Winds
8	5					
9	5				1/2	These 24 Hours ends with moderate
10	5					breezes and passing clouds
11	5		South	ESE		
12	5					Latitude by observation 5 46. Pumps well attended

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from New York towards Rio Janeiro Brazil
Bark Harramonto L B Hussey Master
on board day of Wednesday Feb 15 1865

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		S by E	NE		First part of these 24 Hours commences with fresh breezes and passing clouds
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6			E by E		
1	6					Middle part fresh breezes and squally with rain and variable Wind
2	6					
3	6					
4	6					
5	6					Latter part fresh breezes and passing clouds At 7 AM saw a Vessel to the west Ward standing to the South west These 24 Hours ends with moderate breezes and passing clouds
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6		S by E	NE		Latitude by observation 3 33. Pumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
						120°			

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS
1	4		S by E	NE	1/2	First part of these 24 Hours commences with fresh breezes and squally with rain
2	4					
3	4					
4	4					
5	4		S by W		1/2	
6	4					At 6 PM squally headed all the light sails
7	4		W S W	South		
8	4					
9	4		S by W	SE	1/2	
10	4					Middle part moderate breezes and passing clouds and sail
11	4					
12	4					
1	4				1/2	
2	4					Latter part moderate breezes and passing clouds
3	4					
4	4		W S W	South	1/2	
5	4					These 24 Hours ends with fresh breezes and passing clouds with variable Winds
6	4		S S W	S E by S		
7	3					
8	3					Latitude by observation 2 4. Pumps well attended
9	3		S W by W	South	1/2	
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob
						120°			

Journal from New York towards Rio Janeiro Brazil

Bark Hesperus

H	K	P	COURSES	WINDS	LEEWAY	REMARKS	on board	day of	18	65
1	2		WSW	South	1/2	First part of This 24 Hours commences with moderate breezes and passing clouds With variable winds		Wednesday	March	18
2	2									
3	2									
4	2									
5	2				1/2					
6	2		SW	SSW						
7	2									
8	2		SW 1/2 S							
9	/				1/2					
10	/		SW 1/2 S	SE						
11	/									
12	/					Middle part moderate breezes and passing clouds				
1	/				1/2					
2	/									
3	/									
4	/									
5	2				1/2	Latter part moderate breezes and passing clouds				
6	/									
7	/									
8	/									
9	/				1/2					
10	/					This 24 Hours ends with moderate breezes and calm				
11	/									
12	/									
			SW 1/2 S	SE		Latitude by observation 19 45. Pumps well attended				

Course	Distance	Diff of Lat	Departure	Lat by D. R.	Lat by Ob	Variation	Diff of Lon.	Lon. in.	Lon. by Ob
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H	K	P	COURSES	WINDS	LEEWAY	REMARKS	on board	day of	18	65
1	3		SW 1/2 S	SE	1/2	First part of This 24 Hours commences with moderate breezes and passing clouds		Thursday	March	19
2	3									
3	3									
4	3									
5	3				1/2					
6	3			SE						
7	3									
8	3									
9	3				1/2					
10	3									
11	3									
12	3					Middle part moderate breezes and passing clouds with variable winds				
1	3				1/2					
2	3									
3	3									
4	3			SE						
5	3				1/2	Latter part moderate breezes and passing clouds				
6	2									
7	2									
8	2									
9	2				1/2					
10	2			SE		This 24 Hours ends with moderate breezes and clear with variable winds and more haze				
11	2									
12	2									
			SW 1/2 S	North		Latitude by observation 20 40. Pumps well attended				

Course	Distance	Diff of Lat	Departure	Lat by D. R.	Lat by Ob	Variation	Diff of Lon.	Lon. in.	Lon. by Ob
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Journal from New York towards Rio Janeiro Brazil
by H. Huxley Shuster

H	K	F	COURSES.	WINDS.	LEEWAY	REMARKS on board day of Friday March 18 ⁶⁵
1	6		SW 3/4 S	E NE	1/2	First part of this 24 Hours
2	6					commences with moderate
3	6					breezes and passing clouds
4	6					with variable winds
5	6				1/2	
6	6					
7	6					
8	6					
9	6				1/2	
10	6					
11	6			SE		Middle part moderate breezes
12	6				1/2	and passing clouds with variable
1	6					winds
2	6					
3	6					
4	6					
5	6				1/2	Latter part moderate breezes
6	6					and passing clouds
7	5					
8	5			SW W		
9	5				1/2	This 24 Hours ends with
10	5					moderate breezes and passing
11	5					clouds with variable winds
12	5		SW	SW W		Latitude by observation 22 42
						Thumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1/2 NW			

H	K	F	COURSES.	WINDS.	LEEWAY	REMARKS on board day of Saturday March 19 ⁶⁵
1	3		South	W S W	1/2	First part of this 24 Hours
2	3					commences with moderate breezes
3	3		SW 3/4 W			and passing clouds with variable
4	3					winds
5	3				1/2	At 1 PM take ship to the
6	3		West	S S W		Westward
7	3		W 3/4 S	S 3/4 W		
8	3				1/2	
9	3					
10	3					
11	3					
12	3					Middle part moderate breezes
1	3		West		1/2	and passing clouds
2	3					
3	3		W S W			At 3 30 AM take ship to the
4	3					Westward
5	3		S S E	S W	1/2	Latter part moderate breezes
6	3					and passing clouds
7	3					At 6 AM take ship to the
8	3					Westward
9	3				1/2	This 24 Hours ends with
10	3		W 3/4 S	SW		moderate breezes and passing clouds
11	3					At noon Cape Rio de Janeiro distant
12	3					23 miles Latitude by observation 23 02
						Thumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1/2 NW			

Journal from New York towards Rio de Janeiro
 Bark Passamonte G B Hussey Master

H	K	P	COURSE	WIND	LEEWAY	REMARKS on board day of	1865
1	3		SE	NW	1/2	First part of this 24 hours	Thursday Jan 15
2	3		W 1/2 S	SW		commenced with moderate	
3	3					breezes and passing clouds	
4	3					At 1 PM took ship to the west	
5	3				1/2	ward	
6	3						
7	2						
8	2					At 8 PM Cape Frio Light bore	
9			Calms	Calms		14 1/2 miles distant	
10							
11							
12						Whidde part Calms and passing	
1						clouds	
2							
3							
4							
5						Latter part Calms	
6							
7							
8			Calms	Calms			
9	2		West	SE		This 24 hours ends with light	
10	2					breezes and clear	
11	2					At noon Cape Frio bore E. N. E. distant	
12	2					14 miles no observation display land in	
						light breeze well attended	

Course Distance Diff of Lat. Longitude Lat. by D. R. Lat. by Ob. Variation. Diff of Lon. Lon. in. Lon. by Ob.

H	K	P	COURSE	WIND	LEEWAY	REMARKS on board day of	1865
1						First part of this 24 hours	Thursday Jan 16
2						commenced with moderate breezes	
3						and passing clouds	
4							
5							
6							
7							
8						At 8 30 PM bore the ship of shore	
9						light bore west distant	
10						8 miles	
11							
12						Whidde part took ship to ward	
1						shore light bore W. 1/2 S	
2						distant 12 miles	
3						At 4 PM Sugar Loaf bore W. 1/2 S distant	
4						15 miles	
5						Latter part Calms	
6						At 12 30 PM first the port of the harbor at 2 PM	
7						the Customhouse came on board and boat to boat at 3 PM	
8						came to anchor Calms at 4 30 PM fine breeze bore up the anchor	
9						and sail at 5 30 PM came to anchor on the channel ground	
10						under bar boat anchor 20 fathoms chain used the sail	
11						posts stored up the decks in sails this with	
12						36 hours Calms day begins	

Course Distance Diff of Lat. Longitude Lat. by D. R. Lat. by Ob. Variation. Diff of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	REMARKS	day of	18
1			Remarks on board Tuesday			This day commences with		
2			March 7 th 1865			moderate breezes and passing		
3						clouds at 6 AM called all hands		
4						the crew employed in the Vessels		
5						shut the Vessel all ready to		
6						discharge cargo sa ends this with		
7						Equally and rain		
8			Remarks on board Wednesday			This day commences with moderate		
9			March 8 th 1865			breezes and rising Weather at 6 AM		
10						called all hands the crew employed		
11						in the Vessels shut the Vessel all		
12						ready to discharge cargo at 8 30 AM		
1						the Sikon meat went on shore		
2						sa ends this day rising Weather		
3						Ly days begins to day		
4			Remarks on board Thursday			This day commences with moderate		
5			March 9 th 1865			breezes and passing clouds at 6 AM		
6						called all hands the crew employed in		
7						the Vessels shut noting down this		
8						day with the cargo sa ends this day		
9						moderate breezes and rising Weather		
10						the Sikon meat note returned gate		
11						so far to be run day		
12								

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob

H	K	F	COURSES	WINDS	LEEWAY	REMARKS	day of	18
1			Remarks on board Friday			This day commences with		
2			March 10 th 1865			moderate breezes and passing clouds		
3						at 6 AM called all hands the crew		
4						employed in the Vessels shut no		
5						ting down this day with the cargo sa		
6						ends this with moderate breezes and		
7						rain		
8			Remarks on board Saturday			This day commences with moderate		
9			March 11 th 1865			breezes and clear at 6 AM called all		
10						hands the crew employed in the Vessels		
11						shut noting down this day with		
12						the cargo sa ends this day moderate		
1						breezes and passing clouds		
2			Remarks on board Sunday			This day commences with fair		
3			March 12 th 1865			breezes and clear at 7 AM called all		
4						hands the crew employed in washing		
5						the decks no more than this day		
6						sa ends this with moderate breezes		
7						and passing clouds part of the crew		
8						on liberty Sabbath day		
9								
10								
11								
12								

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob

Journal from towards

417

H	K	F	COURSES	WINDS	LEEWAY	REMARKS	day of	18
1						Remarks on board Monday		
2						March 13 th 1865		
3						This day commences with fine		
4						Breezes and clear at 6 AM called all		
5						hands the crew employed in the		
6						Vessel's dutte working down this		
7						day with the cargo sa ends this		
8						day moderate breezes and passing		
9						clouds		
10						Remarks on board Tuesday		
11						March 14 th 1865		
12						This day commences with fine		
1						Breezes and clear at 6 AM called all		
2						hands the crew employed in the		
3						Vessel's dutte working down this		
4						day with the cargo sa ends this		
5						day frequently with rain		
6						Remarks on board Wednesday		
7						March 15 th 1865		
8						This day commences with fine		
9						Breezes and clear at 5:30 AM called		
10						all hands have up the starboard		
11						anchor at 10 AM to go back to		
12						long said to the vessel in		
						to the deckard jing plus com		
						mand to deckard the clock had		
						sa ends this day fair weather		

Course Distance D.R. of Lat. Longitude Lat. by D.R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	REMARKS	day of	18
1						Remarks on board Thursday		
2						March 16 th 1865		
3						This day commences with		
4						fine breezes and passing clear		
5						at 6 AM called all hands the crew		
6						employed in deckard jing cargo		
7						sa ends this day fair weather		
8						Remarks on board Friday		
9						March 17 th 1865		
10						This day commences with		
11						moderate breezes and passing		
12						clouds with rain at 6 AM called		
1						all hands the crew employed in		
2						deckard jing cargo sa ends this day		
3						fair weather at 5 PM fines the		
4						clock had		
5						Remarks on board Saturday		
6						March 18 th 1865		
7						This day commences with fine		
8						Breezes and clear at 6 AM called		
9						all hands the crew employed in		
10						deckard jing cargo sa ends this		
11						day fair weather		
12						Remarks on board Sunday		
						March 19 th 1865		
						This day commences with moderate		
						Breezes and clear at 6 AM called all		
						the crew employed in was king's deck		
						down more than this day sa ends		
						the clock had		

115th fair Weather

Course Distance D.R. of Lat. Longitude Lat. by D.R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remarks on board Thursday		
2						March 20 th 1865		
3						This day commences with fine		
4						Breezes and passing clouds at 6 AM called all		
5						hands the crew employed in the		
6						the Vessel's duties at 12 M. stop		
7						to deliver the cargo in after		
8						on board sails this day fine		
9						Weather		
10								
11						Remarks on board Friday		
12						March 21 st 1865		
1						This day commences with fine		
2						Breezes and passing clouds at 6		
3						AM called all hands the crew employed		
4						in discharging cargo at 9:30 AM the		
5						captain has order on board		
6						sails this day fine weather		
7								
8						Remarks on board Wednesday		
9						March 22 nd 1865		
10						This day commences with fine		
11						Breezes and passing clouds with		
12						rain at 6 AM called all hands the		
1						crew employed in working on		
2						the cargo sails this day fine		
3						Breezes and rainy weather		
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remarks on board Thursday		
2						March 23 rd 1865		
3						This day commences with fine		
4						Breezes and passing clouds at 6 AM		
5						called all hands the crew employed		
6						in discharging cargo sails this		
7						day fine Breezes and passing clouds		
8								
9						Remarks on board Friday		
10						March 24 th 1865		
11						This day commences with fine		
12						Breezes and passing clouds at 6 AM		
1						called all hands the crew employed		
2						in the Vessel's duties to discharge		
3						cargo sails this day fine weather		
4								
5						Remarks on board Saturday		
6						March 25 th 1865		
7						This day commences with fine		
8						Breezes and clear at 6 AM called all		
9						hands the crew employed in the		
10						Vessel's duties sails this day fine		
11						Weather		
12								
1						Remarks on board Sunday		
2						March 26 th 1865		
3						This day commences with fine		
4						Breezes and passing clouds at 6 AM		
5						called all hands the crew employed in		
6						washing the decks more done		
7						this day sails with moderate		
8						Breezes and rain Sabbath day		
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES	WINDS	LEEWAY	REMARKS	day of	18
1						Remarks on board <i>Thurs</i> This day commences with fine		
2						March 27 th 1865 Breezes and squalls with rain		
3						at 6 AM called all hands the		
4						crew employed in deck and		
5						range sa ends this day fine		
6						Breezes and rising weather		
7						by day up to day		
8								
9						Remarks on board <i>Thurs</i> This day commences with fine		
10						March 28 th 1865 Breezes and passing clouds at 6 AM		
11						called all hands the crew em		
12						ployed in deck and in range		
1						at 2 30 PM fine deck and		
2						the cargo at 2 40 PM the		
3						castumbers were to come on		
4						board sa ends this day fine		
5						Weather		
6								
7						Remarks on board <i>Wed</i> This day commences with fine		
8						March 29 th 1865 Breezes and clear at 5 AM called		
9						all hands the crew employed in		
10						the vessels due the sa ends this		
11						day fine weather		
12								

Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob Variation Diff. of Lon. Lon. in. Lon. by Ob

H	K	F	COURSES	WINDS	LEEWAY	REMARKS	day of	18
1						Remarks on board <i>Thurs</i> This day commences with fine		
2						March 30 th 1865 Breezes and clear at 5 AM called		
3						all hands the crew employed in		
4						the vessels due the sa ends this		
5						day fine weather		
6								
7						Remarks on board <i>Frid</i> This day commences with fine		
8						March 31 st 1865 Breezes and clear at 5 AM		
9						called all hands the crew employ		
10						in vessels due the sa ends this		
11						day fine weather		
12								
1						Remarks on board <i>Satur</i> This day commences with fine		
2						April 1 st 1865 Breezes and clear at 5 AM		
3						called all hands the crew em		
4						ployed in the vessels due the		
5						sa ends this day fine weather		
6								
7						Remarks on board <i>Sund</i> This day commences with		
8						April 2 nd 1865 moderate Breezes and clear		
9						at 6 AM called all hands the		
10						crew employed in washing the		
11						decks sa ends this day fine		
12						weather Sabbath day		

Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob Variation Diff. of Lon. Lon. in. Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board Monday April 3 rd 1865			This day commences with fine breezes and clear at 6 AM called all hands the crew employed in the Vessel duties as usual this day fine weather		
2								
3								
4								
5								
6			Remarks on board Tuesday April 4 th 1865			This day commences with fine breezes and clear at 6 AM called all hands the crew employed in the Vessel duties as usual this day fine weather		
7								
8								
9								
10								
11			Remarks on board Wednesday April 5 th 1865			This day commences with fine breezes and passing clouds at 6 AM called all hands have up the anchors and sail at 8 AM the yard boat came on board at 10:30 AM past the point at 11 AM Sugar loaf bore WNW distant 10 miles as usual this with 12 hours the log begins		
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	on board	day of	1865
1	4		SSE	South	1/2	First part of these 24 hours commences with moderate breezes and passing clouds			April 6 th
2	4								
3	4								
4	4								
5	4		SSE	SSW	1/2				
6	4								
7	4								
8	4								
9			Calmer	Calmer	1/2				
10									
11									
12									
1			Calmer	Calmer	1/2	Middle part moderate breezes and passing clouds			
2									
3									
4	4								
5	4		ENE	SW	1/2	Latter part moderate breezes and passing clouds			
6	4								
7	4								
8	3								
9	3			WSW	1/2	These 24 hours ends with fine breezes and passing clouds			
10	3								
11	3								
12	3								

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Journal from Rio Janeiro Brazil towards New York N.Y.
 Bark Sacramento L. B. Hussey Master

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of	Friday April 1865
1	3		ESE	SSE	$\frac{1}{2}$	At noon Cape Rio South point Bore is at W distant 5 miles from which I take my departure	
2	3						
3	3						
4	3						
5	3				$\frac{1}{2}$		
6	3						
7	3						
8	3						
9	3				$\frac{1}{2}$		
10	3						
11	3						
12	3						
1	3		North	ESE	$\frac{1}{2}$	Middle part moderate breezes and clear.	
2	3						
3	3						
4	2						
5	2		NNE	West	$\frac{1}{2}$	Latter part calm	
6	2						
7	2						
8	2						
9	2				$\frac{1}{2}$	These 24 hours ends with moderate breezes and clear	
10	2						
11	2						
12	2						

Latitude by observation 22 26.
 Pumps well attended.

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of	Saturday April 1865
1	5		NNE	South	$\frac{1}{2}$	First part of these 24 hours commences with fresh breezes and passing clouds with variable wind	
2	5						
3	5						
4	5						
5	5				$\frac{1}{2}$		
6	5						
7	6		NE	SSE	$\frac{1}{2}$	Middle part fresh gales and squally with rain	
8	6						
9	6						
10	6						
11	6						
12	5						
1	5			SE	$\frac{1}{2}$	Latter part moderate breezes and passing clouds	
2	5						
3	5						
4	5						
5	5				$\frac{1}{2}$		
6	5						
7	5			SSE	$\frac{1}{2}$	These 24 hours ends with fine breezes and passing clouds	
8	5						
9	5						
10	5						
11	5						
12	5						

Latitude by observation 20 53.
 Pumps well attended.

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from

towards

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Sunday April 18 65
1	8		NE	SSE	1/2	First part of these 24 hours commenced with fresh breezes and passing clouds
2	8					
3	8					
4	8					
5	8				1/2	
6	8					
7	8					
8	8					
9	8				1/2	
10	8					
11	8					
12	8		NE	SSE	1/2	Middle part fresh breezes and passing clouds
1	8					Latter part fresh breezes and passing clouds
2	8					
3	8					
4	8				1/2	
5	8					
6	8					
7	8					
8	8					
9	8				1/2	
10	7					
11	7					
12	7		NE	SSE		Latitude by observation 18 18. Pumps well attended

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

1/2 W

H	K	F	COURSES	WINDS	LEEWAY	REMARKS on board day of Sunday April 19 65
1	9		NE	SSE		First part of these 24 hours commenced with fresh breezes and squally weather
2	9					
3	9					
4	9					
5	9					
6	9					
7	9					
8	9					
9	9					
10	9					
11	9					
12	9		NE	SSE		At 8 PM saw a Vessel to the Westward standing to the Southward
1	9					
2	9					
3	9					
4	9					
5	9					
6	9					
7	9					
8	9					
9	9					
10	9					
11	9					
12	9		NE	SSE		Middle part fresh gales and squally with rain
1	9					
2	9					
3	9					
4	9					
5	9					
6	9					
7	9					
8	9					
9	9					
10	9					
11	9					
12	9		NE	SSE		Latter part fresh gales and squally weather
1	9					
2	9					
3	9					
4	9					
5	9					
6	9					
7	9					
8	9					
9	9					
10	9					
11	9					
12	9		NE	SSE		At 6 AM saw a Vessel to the NE Ward standing to the Southward
1	9					
2	9					
3	9					
4	9					
5	9					
6	9					
7	9					
8	9					
9	9					
10	9					
11	9					
12	9		NE	SSE		This 24 hours ends with fresh gales and squally weather
1	9					
2	9					
3	9					
4	9					
5	9					
6	9					
7	9					
8	9					
9	9					
10	9					
11	9					
12	9		NE	SSE		Latitude by observation this day 15 01. Pumps well attended
1	9					
2	9					
3	9					
4	9					
5	9					
6	9					
7	9					
8	9					
9	9					
10	9					
11	9					

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

1/2 W

towards

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob
						1/2 W			

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from

towards

H	K	F	COURSE	WINDS	LEEWAY	REMARKS on board day of Thursday April 18 65
1	7		NE	ESE	1/2	First part of this 24 Hours commences with fresh Breezes and squally with rain
2	7					
3	7					
4	7					
5	7				1/2	
6	7					
7	7					
8	7				1/2	
9	7					
10	7					
11	7					Middle part fresh Breezes and passing clouds with variable Winds
12	7				1/2	
1	8					
2	8					
3	8					
4	8			ESE	1/2	Latter part fresh gales and passing clouds
5	8					
6	8					
7	8				1/2	
8	8					
9	8					This 24 Hours ends with fresh Breezes and passing clouds
10	8					
11	8					
12	8					
1	8		NE	ESE		

Latitude by observation 7 15.
Pumps well attended

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1/2 W			

H	K	F	COURSES	WINDS	LEEWAY	REMARKS on board day of Friday April 19 65
1	8		NE	ESE	1/2	First part of this 24 Hours commences with fresh Breezes and passing clouds with variable Winds
2	8					
3	8		North	SE		
4	8					
5	8				1/2	
6	8					
7	8					
8	8					
9	8				1/2	
10	8			SE		
11	8					Middle part fresh Breezes and passing clouds
12	8				1/2	
1	7					
2	7					
3	7					
4	7				1/2	Latter part fresh Breezes and passing clouds
5	7					
6	7					
7	7					
8	7					
9	7				1/2	This 24 Hours ends with fine Breezes and clear
10	7					
11	7					
12	7					
1	7		North	SE		

Latitude by observation 4 19.
Pumps well attended

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1/2 W			

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of Saturday April 18 ⁶⁵
1	7		North	SSE	$\frac{1}{2}$	First part of these 24 Hours.
2	7					commences with fresh breezes
3	7					and passing clouds
4	7					
5	7				$\frac{1}{2}$	
6	7					
7	7					
8	7					
9	7				$\frac{1}{2}$	
10	7					
11	7					
12	7					middle part fresh breezes and
1	7				$\frac{1}{2}$	passing clouds with variable
2	7				X	Winds
3	7					
4	7					
5	6				$\frac{1}{2}$	Latter part fresh breezes and
6	6					passing clouds
7	6					
8	6					
9	6				$\frac{1}{2}$	These 24 Hours ends with
10	6					moderate breezes and passing
11	6					clouds
12	6		North	SE		Latitude by observation 1 47.
						Bumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Sunday April 18 ⁶⁵
1	5		North	SE	$\frac{1}{2}$	First part of these 24 Hours
2	5					commences with moderate breezes
3	5					and passing clouds with variable
4	5					Winds
5	5				$\frac{1}{2}$	
6	5					
7	5					
8	5					
9	5				$\frac{1}{2}$	
10	5					
11	5					
12	5			SE		middle part moderate breezes
1	5				$\frac{1}{2}$	and passing clouds with variable
2	4					Winds with heavy sea running
3	4					
4	4					
5	4				$\frac{1}{2}$	Latter part moderate breezes
6	4					and passing clouds
7	4		NW	East		
8	4					
9	4				$\frac{1}{2}$	These 24 Hours ends with
10	4					moderate breezes and passing
11	4					clouds
12	4					Latitude by observation 0 5.
						Bumps well attended

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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14 W

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		N by W	E. S. E.	1/2	first part of these 24 Hours commences with moderate Breezes and Squally with rain
2	4					
3	4					
4	4		N. W.	S. E.	1/2	
5	4					
6	4					
7	4					
8	4					
9	4				1/2	
10	4					
11	4					
12	4					
1	3				1/2	middle part Squally and variable Winds
2	3					
3	3					
4	3					
5	3				1/2	
6	3					
7	3					
8	3					
9	3				1/2	
10	3					
11	3	North		South		
12	3					
Latitude by observation 40 39 North						
Baromet. well attended						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS
at board day of 5. 25 day April 1865						
1	3		North	South	1/2	first part of these 24 hours commences with moderate breezes and passing clouds a rain. Wind with a heavy sea running from the N.E. ward
2	3					
3	3					
4	3					
5	3				1/2	
6	3					
7	3					
8	3					
9	3				1/2	
10	3					
11	3					
12	3					
1	3				1/2	middle part moderate breezes and passing clouds
2	3					
3	3					
4	3					
5	3				1/2	latter part moderate breezes and passing clouds
6	3					
7	2					
8	2					
9	2				1/2	these 24 hours ends with moderate breezes and passing clouds
10	2					
11	2					
12	2					
			North	ESE		Latitude by observation 40. 40. North well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from

towards

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of Wednesday April 19 ¹⁸⁶⁵
1			Cal m	Cal m	$\frac{1}{2}$	First part of this 24 Hours commenced with moderate breezes and passing clouds
2						
3						
4			Cal m	Cal m		
5	2		North	South	$\frac{1}{2}$	
6	2					
7	2					
8	2					
9	3				$\frac{1}{2}$	
10	3					
11	4					
12	4					
1	3		Nly E	W	$\frac{1}{2}$	Middle part fresh breezes and squally weather with rain
2	3					
3	3		E N E	South		
4	3		N E by E	Nly W		
5	2				$\frac{1}{2}$	
6	2					Latter part fresh breezes and squally weather At 7 AM saw a vessel to the westward standing to the northward this 24 hours ends with squally weather
7	2					
8	2		North	W N W		
9	2				$\frac{1}{2}$	
10	2					No observation this day & 32. Latitude by D R Rumps well attended
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						11 W			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Thursday April 20 ¹⁸⁶⁵
1	5		North	E N E	$\frac{1}{2}$	First part of this 24 Hours commenced with moderate breezes and squally weather
2	5					
3	5					
4	5					
5	6		N W	W E	$\frac{1}{2}$	
6	6					
7	6					
8	6					
9	6		N W by N		$\frac{1}{2}$	
10	6					
11	6					
12	6					
1	6			E N E	$\frac{1}{2}$	Middle part fresh breezes and passing clouds
2	6					
3	6					
4	6					
5	6				$\frac{1}{2}$	
6	6					Latter part fresh breezes and squally with rain a variable winds
7	6					
8	6					
9	6				$\frac{1}{2}$	
10	6					This 24 hours ends with fresh breezes and squally weather
11	6					
12	6					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from

towards

H	A	F	COURSE	WINDS.	LEEWAY.	REMARKS on board day of Friday April 21 st 1865
1	8		SW	SE	1/2	First part of this 24 hours
2	8					commences with fresh gales
3	8					and squally with rain
4	8					
5	8				1/2	
6	8			SE		
7	8					
8	8					
9	7			SE	1/2	
10	7					
11	7					
12	7					Middle part squally weather
1	7				1/2	
2	7					
3	7					
4	7					
5	7				1/2	Latter part fresh gales and
6	7					squally with rain
7	7					
8	7					
9	7				1/2	This 24 hours ends with fresh
10	7					gales and passing clouds
11	7					
12	7		SW	SE		Latitude by observation 6 00 Pumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						3/4 W			

H	A	F	COURSES.	WINDS	LEEWAY	REMARKS on board day of Saturday April 22 nd 1865
1	10		SW	SE	1/2	First part of this 24 hours
2	10					commences with fresh breezes
3	10					and passing clouds
4	10					
5	10				1/2	
6	10					
7	10					
8	10					
9	10			ENE	1/2	
10	10					
11	10					
12	10					Middle part fresh gales and
1	10			SE	1/2	squally with rain and variable
2	10					clouds
3	10					
4	10					
5	10				1/2	Latter part fresh gales and
6	10					squally weather and a heavy
7	10					sea running from the W & ward
8	10			SW		
9	9				1/2	This 24 hours ends with fresh
10	9					gales and squally weather
11	9					no observation this day
12	9		SW	SE		Latitude by D. R. 7 51. Pumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1/2 W			

Journal from

towards

H	K	F	COURSES	WINDS	LEEWAY	REMARKS	on board day of Thursday April 18 1868
1	11		NW	NE		First part of this 24 Hours	
2	11					commenced with fresh gales	
3	11					and squally weather with rain	
4	11					and variable winds	
5	11						
6	11						
7	11					At 7 P M hauled fore top gullent	
8	10					sail	
9	10						
10	10						
11	10						
12	10					middle part fresh gales and	
1	10			ENE		squally weather	
2	10						
3	10						
4	10						
5	10					Latter part fresh breezes and	
6	10					passing clouds with variable	
7	10					winds	
8	10						
9	10					This 24 Hours ends with fresh breezes	
10	10					and passing clouds	
11	10	NW		ENE		Latitude by observation 10 18.	
12						Pumps well attended	

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of Thursday April 21 1868
1	10		NW	NE		on board Thursday April 21	
2	10					First part of this 24 Hours	
3	10					commenced with fresh breezes	
4	10					and passing clouds with rain	
5	10					squally and variable winds	
6	10						
7	10						
8	10						
9	10			ENE			
10	9						
11	9						
12	9					middle part fresh gales and	
1	9					squally with rain	
2	9						
3	9						
4	9						
5	9					Latter part fresh gales and	
6	9					squally weather with rain	
7	9						
8	9						
9	9					This 24 Hours ends with fresh	
10	9					gales and passing clouds	
11	9					Latitude by observation 12 32	
12	9	NW		ENE		Pumps well attended	

Course Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Journal from _____ towards _____

H	K	F	COURSES	WINDS	LEEWAY	REMARKS
1	9		NW	NE	1/4	First part of these 24 Hours commenced with fresh gales and squally with rain a variable wind with a heavy sea running from the NE wind
2	9					
3	9					
4	9		NW			
5	9				1/4	
6	9					
7	9					
8	9					
9	9		NW		1/4	
10	9					
11	9					
12	9					
1	9				1/4	Middle part fresh gales and passing clouds
2	9					
3	9					
4	9					
5	9				1/4	Latter part fresh gales and passing clouds
6	9					
7	9					
8	9					
9	9				1/4	These 24 Hours ends with moderate gales and clear
10	9					
11	9					
12	9		NW	NE		Latitude by observation 14 13. Runners well attended

Courses	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1/4 NW			

H	K	F	COURSES	WINDS	LEEWAY	REMARKS
1	9		NW	NE		First part of these 24 Hours commenced with fresh breezes and passing clouds
2	9					
3	9					
4	9		NW			
5	9					
6	9					
7	9					
8	9					
9	8			NE		
10	8					
11	8					
12	8					
1	8					Middle part fresh breezes and passing clouds
2	8					
3	8					
4	8					
5	8					Latter part fresh breezes and passing clouds
6	8					
7	8					
8	8					
9	8					These 24 Hours ends with moderate breezes and clear
10	8					
11	8					
12	8		NW	East		Latitude by observation 15 28. Runners well attended

Courses	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1/4 NW			

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of Thursday April 21 1870
1	8		W W	SE		First part of this 24 Hours
2	8					commences with moderate
3	8					breezes and passing clouds
4	8					
5	8					
6	8					
7	8					
8	8					
9	8		W W W ENE			
10	8					
11	7					
12	7					
1	7		Wednesday Feb 2 1870			Middle part moderate
2	7		thermore by 24 hours			breezes and squally weather
3	7		commence with light winds			variable winds
4	7		from the E. the middle			
5	7		and latter part light rain			
6	7		in place in painted			
7	7		the Capt. in			
8	7					
9	7					
10	7					
11	7					
12	7		W W East			

This 24 Hours ends with moderate breezes and squally weather in latitude by observation 16 18. Pumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Friday April 23 1870
1	4		W W	East	1/2	First part of this 24 Hours
2	4					commences with moderate breezes
3	4					And squally at noon. Distance is
4	4					land bore. South distant 8 miles
5	4				1/2	
6	4					At 6 PM view point of Guadaloupe
7	4					bore. South distant 8 miles
8	4					
9	4		West	E W	1/2	
10	4					
11	4					
12	4					
1	4				1/2	Middle part moderate breezes
2	4					and passing clouds at noon
3	3					right about. bore. wind
4	3					distant 8 miles
5	3		W W	ENE	1/2	Latter part moderate breezes
6	3					and clear
7	3					
8	3					
9	3				1/2	This 24 Hours ends with
10	3					moderate breezes and clear
11	3					
12	3					

Latitude by observation 16 56. Pumps well attended

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from

towards

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of <i>Friday April 29</i> 18 <i>65</i>
1	4		<i>W by W</i>	<i>East</i>		<i>First part of these 24 Hours commences with moderate breezes and passing clouds</i>
2	4					
3	4					
4	4					
5	4		<i>W W</i>	<i>W S E</i>		
6	4					
7	4					
8	4					
9	4					
10	4					
11	5					
12	5					<i>Middle part fresh breezes and squally with rain</i>
1	5					
2	5					
3	5					<i>At 3 AM bore the main top sail back</i>
4	4		<i>S by W</i>	<i>East</i>		<i>Latter part fresh breezes and passing clouds</i>
5	3					<i>At 6 AM left the vessel on the coast</i>
6	4		<i>W W</i>			<i>These 24 Hours ends with moderate breezes and passing clouds at 9 AM</i>
7	5					<i>used the land of Saint Thomas</i>
8	5			<i>SE</i>		<i>At noon was by bore W by N distant 1 miles</i>
9	5					<i>Pumps well attended</i>
10	5		<i>W 1/2 N</i>			
11	5					
12	5		<i>West</i>			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS on board day of <i>Thursday April 30</i> 18 <i>65</i>
1	2		<i>W by W</i>	<i>S S E</i>	<i>1/4</i>	<i>At 1 1/2 p.m. At Thomas port Christian bore E by W distant 6 miles</i>
2	2					
3	2					
4	2					
5	2				<i>1/4</i>	
6	2					<i>At 4 PM Sail rose bore west distant 1/2 mile</i>
7	2					<i>At 6 PM Lizard is land bore E by W distant 8 miles</i>
8	2					<i>Arch. Culabra is land bore</i>
9	2		<i>W 1/2 W</i>	<i>SE</i>	<i>1/4</i>	<i>At 1/2 W 1/2 W distant 10 miles from which I take my departure</i>
10	3					
11	3					
12	3					<i>Middle part moderate breezes and passing clouds</i>
1	3				<i>1/4</i>	
2	3					
3	3					
4	3					
5	3				<i>1/4</i>	<i>Latter part moderate breezes and passing clouds</i>
6	3					
7	3					
8	3					
9	5		<i>W 1/2 W</i>	<i>East</i>	<i>1/4</i>	<i>These 24 Hours ends with moderate breezes and calm</i>
10			<i>Calm</i>	<i>Calm</i>		
11						
12						<i>Latitude by observation 19 08. Pumps well attended</i>

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from _____ towards _____

H	M	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						On board day of Wednesday May 3 rd 1865
1	5		N by W	N E	$\frac{1}{2}$	First part of this 24 Hours commences with moderate breezes and passing clouds
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5		S E	S E	$\frac{1}{2}$	
10	5					
11	5					
12	5					
1	6		N by W	West	$\frac{1}{2}$	Middle part moderate breezes and passing clouds
2	6					
3	6					
4	6					
5			N by W	West	$\frac{1}{2}$	Latter part squally with rain
6						
7	6					
8	6					
9	5					
10	5					
11	5					
12	5					
Latitude by observation 25° 55' 00"						
Barometer well attended						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	M	F	COURSES.	WINDS	LEEWAY	REMARKS on board day of Thursday May 4 th 1865
1	4		N by E	N W	$\frac{1}{2}$	The first part of these 24 Hours commences with fresh breeze and passing clouds with variable winds
2	4					
3	4					
4	4					
5	4					
6	4					
7	5		N E by E	North	$\frac{1}{2}$	
8	5					
9	5					
10	5		E N E			
11	5					
12	5					
1	6		West	N W	1	Middle part fresh breezes and passing clouds at 12 M tooket ship to the west west
2	6					
3	6					
4	6		W by N			
5	6					
6	6					
7	6		W by N	N W by N	$\frac{1}{2}$	Latter part fresh breezes and passing clouds with variable winds
8	6					
9	6					
10	6		W by N	N W	$\frac{1}{2}$	These 24 Hours ends with fresh breezes and passing clouds
11	6					
12	6					
Latitude by observation 26 04. Barometer well attended						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from

towards

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of Friday Aug 5 th 1868
1	3		W 3/4 S	SW	1 1/2	First part of this 24 Hours commences with fresh breezes and clear
2	3					
3	3					
4	3					
5	3		ESE	SE	1 1/2	At 5 PM took ship to the East Ward
6	3					
7	3					
8	3					
9	3		E 3/4 W	SE	1 1/2	At 10 PM took ship to the West ward
10	3					
11	2		SW	SW E		
12	2					
1	2				1 1/2	Middle part moderate breezes and passing clouds
2	2					
3	2					
4	2					
5	2		W 3/4 W	SE	1/2	Latter part moderate breezes and clear
6	2					
7	2					
8	2					
9	2		W 1/2 W	North	1/2	These 24 Hours ends with moderate breezes and clear with variable winds
10	2					
11	2					
12	2					

Latitude by observation 26 26
Pumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Saturday Aug 6 th 1868
1	2		W 1/2 W	North	1/2	First part of this 24 Hours commences with moderate breeze and clear
2	2					
3	2					
4	2					
5	2		SW	SW E	1/2	
6	2					
7	2					
8	2					
9	2		W 3/4 W	SE	1/2	
10	2					
11	2					
12	2					
1	2			SE		Middle part moderate breezes and clear
2	2					
3	2					
4	2					
5	2					Latter part calm
6	2					
7	2			SE		
8	2					
9	2			ESE		This 24 Hours ends with moderate breezes and calm
10	2					
11	2					
12	2					

Latitude by observation 27 08
Pumps well attended

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from _____ towards _____

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	on board	day of	18
1	3		W by W	E. S. E.				Sunday	May 7
2	3								
3	3								
4	3								
5	3								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4			South					
1	4								
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	3								
9	3								
10	3								
11	3								
12	3		W by W	S. S. W.					
							Latitude by observation 24 31.		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	on board	day of	18
1	4		W by W	S. E.	$\frac{1}{2}$			Sunday	May 8
2	4								
3	4								
4	4								
5	4			E. S. E.	$\frac{1}{2}$				
6	4								
7	4								
8	4								
9	4				$\frac{1}{2}$				
10	4								
11	4								
12	4			S. S. E.					
1	4				$\frac{1}{2}$				
2	4								
3	4								
4	4								
5	4				$\frac{1}{2}$				
6	4								
7	4								
8	4								
9	5				$\frac{1}{2}$				
10	5								
11	5								
12	5		W by W	S. E.					
							Latitude by observation 29 40.		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from

towards

H	K	F	COURSE	WINDS	LEEWAY.	REMARKS
1	7		N by W	S by E		On board day of Thursday May 9 th 1865
2	7					First part of Three or Four hours
3	7					commenced with fresh breezes
4	7					and passing clouds
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					Middle part fresh gales and
1	7					passing clouds at mid night
2	7					saw a vessel to the westward
3	7					standing to the N. E. ward
4	7					
5	7					Latter part fresh gales and
6	7					passing clouds
7	7					
8	7					At 4 AM saw a vessel to the
9	7					West ward standing to the
10	7					N. E. ward Three or Four hours with
11	8					fresh gales and passing clouds
12	8		N by W	S by W		Latitude by observation 32 22
						Pumps well attended

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1/4 p W			

H	K	F	COURSE	WINDS	LEEWAY.	REMARKS
1	10		N by W	South		On board day of Wednesday May 10 th 1865
2	10					First part of Three or Four hours
3	10					commenced with fresh breezes and
4	10					passing clouds and a heavy sea
5	10					running
6	9		N by W	S. by W		
7	9					
8	7					
9	8					
10	8		N. by W	S. W		
11	8					
12	7					Middle part fresh breezes and
1	1				1/4	clouds with variable winds
2	7					
3	6					
4	5					
5	4				1/4	Latter part moderate breezes
6	4					and clear
7	3					
8	3		E by S	N. E		At 8 AM took ship to the N. W
9	3				1/4	ward
10	2		N. by W	S. W		Three or Four hours with moderate
11	2					breezes and clear
12	2		N. by W	S. W		Latitude by observation 34 29.
						Pumps well attended

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1/4 p W			

towards

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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1/2 p. 2. U

Journal from ¹¹ June 1865 to 2 towards Hargrave's point
Barth Harrington & R. Henry Shenton 1865

11	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remarks on board		
2						Wednesday June 6 th 1865		
3						This day commences with a fresh		
4						Breeze from the S.E. at 9 A.M. The		
5						crew come on board at 3.30 P.M. The		
6						log boat come having said to		
7						the Vessel of in the stream		
8						come to anchor under harbor		
9						anchor 25 fathoms deep. The crew		
10						unplaid in getting ready for sea		
11						so ends this day. Weather		
12						the 6 th of June. Remarks on board		
1						day 31 the Lagoon went on board		
2						Remarks on board		
3						Thursday June 7 th 1865		
4						This day commences with moderate		
5						Breezes and passing clouds at 6 A.M.		
6						called all hands the crew unplaid		
7						in the Vessel but no more done		
8						this day so ends this with fresh breeze		
9						And passing clouds		
10						Remarks on board		
11						Thursday June 8 th 1865		
12						This day commences with moderate		
1						Breezes and passing clouds at 6 A.M.		
2						called all hands the crew unplaid		
3						in the Vessel but at 10 A.M. the		
4						fishal come on board. Have up the anchor		
5						and sail at 2.30 P.M. come to anchor in the		
6						bay and the sails fast so ends day		

[illegible]

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	day of	18
1			Remarks on board			This day commences with wind.		
2			Friday June 9 th 1865			Freezes and clear at 6 AM calmed		
3						all hands used sail at 8 gote		
4						and away at 11 30 AM the pilot		
5						wente on shore the Vessel on a wind		
6						heading to the East ward so ends		
7						this with 18 Hours sea log begin		
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

[illegible]

Journal from ... towards ...

H	K	F	COURSE	WINDS	LEEWAY	REMARKS on board day of Saturday June 10 1866
1	3		ESE	South	1/2	At 1247 P.M. Sandy lake light
2	3		ESE	SESE		ship bore at W distant 8 miles
3	4		ESE	SESE		from which I take my departure
4	4		W/W	SW	1 1/2	At 3 P.M. take ship to the
5	4		W/W	SW		westward
6	4		SE	SESE		At 5 P.M. take ship to the
7	4		W/W	SW		SE wind
8	4		SESE	SESE	2	At 6 take ship to the west
9	4		SESE	SESE		ward
10	4		SESE	SW		At 8 P.M. take ship to the SE
11	4		SESE	SW		ward
12	4				2	middle part fresh breezes
1	4					and equally weather
2	4					
3	4					
4	3		SESE		2 1/2	Latter part fresh gales and
5	3					passing clouds with variable
6	3					Winds
7	3					
8	3		SESE		2 1/2	Three or four hours ends with fresh
9	3					gales and passing clouds
10	3					
11	3					Latitude by observation 59.22
12	3					Bumps well attended

Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob Variation Diff. of Lon. Lon. in. Lon. by Ob

H	K	F	COURSE	WINDS	LEEWAY	REMARKS on board day of Sunday June 11 1866
1	4		SESE	South	1	Three or four hours commences
2	4		SE	SESE		with fresh breezes and passing
3	4		SE	SESE		clouds with variable Winds
4	4				1 1/2	
5	4		SESE	SW		
6	4		SESE	SW		
7	4				1 1/2	
8	4					
9	4					
10	4					
11	4		SESE	SW		middle part fresh gales and
12	4				1 1/2	equally with rain
1	4					
2	4					
3	4					
4	3				1 1/2	Latter part fresh breezes and
5	3					equally with rain
6	3		SESE	SWSE		At 4 P.M. sail to the west
7	3					ward touching to the SE ward
8	3		Calms	Calms	1 1/2	Three or four hours ends with Calms
9						and cloudy weather
10						No observation this day
11						Latitude by D. R. 58.22
12						Bumps well attended

Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob Variation Diff. of Lon. Lon. in. Lon. by Ob

Journal from *Bar Harbor* towards *St. John's*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on <i>Bar Harbor</i> day of <i>Monday June 18 65</i>
1			<i>Calmer</i>	<i>Calmer</i>		<i>First part of these 24 Hours commences with Calmer and passing clouds with some</i>
2						
3						
4						
5						
6			<i>Calmer</i>	<i>Calmer</i>		<i>At 7 AM moderate breezes from the NE</i>
7	<i>3</i>		<i>SE</i>	<i>NE</i>	<i>1/4</i>	
8	<i>3</i>					
9	<i>3</i>					
10	<i>3</i>					
11	<i>3</i>					
12	<i>3</i>			<i>SE</i>	<i>1/4</i>	<i>Whidder part moderate breezes and passing clouds with variable</i>
1	<i>3</i>					
2	<i>3</i>					
3	<i>3</i>					
4	<i>4</i>					
5	<i>4</i>		<i>SE</i>	<i>NE</i>	<i>1/4</i>	<i>Latter part moderate breezes and passing clouds with variable winds</i>
6	<i>4</i>					
7	<i>4</i>					
8	<i>4</i>					
9	<i>4</i>				<i>1/4</i>	<i>These 24 Hours ends with fine breeze and passing clouds no observation this day</i>
10	<i>4</i>					
11	<i>4</i>					
12	<i>4</i>			<i>SE</i>		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS on <i>Bar Harbor</i> day of <i>Tuesday June 13 18 65</i>
1	<i>5</i>		<i>SE</i>	<i>SE</i>	<i>1/4</i>	<i>First part of these 24 Hours commences with moderate breezes and passing clouds with variable winds</i>
2	<i>5</i>					
3	<i>5</i>					
4	<i>5</i>					
5	<i>5</i>		<i>South</i>	<i>W SW</i>	<i>1/4</i>	<i>The gulf stream currents in the S Lane 30 miles E. of the</i>
6	<i>5</i>					
7	<i>5</i>					
8	<i>5</i>					
9	<i>5</i>					
10	<i>5</i>					
11	<i>5</i>					
12	<i>5</i>			<i>SW</i>	<i>1/4</i>	<i>Whidder part moderate breezes and passing clouds with variable winds</i>
1	<i>5</i>					
2	<i>5</i>					
3	<i>5</i>					
4	<i>5</i>					
5	<i>5</i>				<i>1/4</i>	<i>Latter part moderate breezes and passing clouds</i>
6	<i>5</i>					
7	<i>5</i>					
8	<i>5</i>					
9	<i>5</i>				<i>1/4</i>	<i>At 8 AM saw a steamer and low vessel standing to the Eastward</i>
10	<i>5</i>					
11	<i>4</i>					
12	<i>4</i>		<i>South</i>	<i>W SW</i>		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from New York City towards Georgetown, Guyana

H	K	F	COURSE	WINDS	LEEWAY	REMARKS	on board	day of	1865
1	5		SSE	SW	1/2	First part of this 24 hours		Wednesday	June 14
2	5					commenced with moderate			
3	5					breezes and passing clouds			
4	5					with variable winds			
5	5				1/2				
6	5								
7	5								
8	5								
9	5				1/2				
10	5								
11	5								
12	5		SSE	SW		Middle part moderate			
1	5				1/2	breezes and passing clouds			
2	5								
3	5								
4	5								
5	5				1/2	Latter part light to moderate			
6	5					passing clouds			
7	5								
8	5								
9	5		SSE	SW	1/2	This 24 hours ends with			
10	5					moderate breezes and clouds			
11	5								
12	5								

Latitude by observation 53.38

Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSE	WINDS	LEEWAY	REMARKS	on board	day of	1865
1	7		SSE	SW	1/2	First part of this 24 hours		Thursday	June 15
2	7					commenced with moderate			
3	7					breezes and passing clouds			
4	7					with variable winds			
5	7				1/2				
6	7								
7	7								
8	7		SSE	SW		Middle part moderate			
9	7				1/2	breezes and passing clouds			
10	7								
11	7								
12	7								
1	7				1/2				
2	7								
3	7								
4	7		SSE	SW		Latter part fresh breezes and			
5	7				1/2	slightly squally weather			
6	7								
7	7								
8	7								
9	7				1/2	This 24 hours ends with			
10	7					fresh breezes and slightly with			
11	7					rain			
12	7					no observation this day			

Latitude by observation 53.38

Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Journal

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Journal from ... towards ...

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of July 1861
1	5		1/2 N 1/2 E	1/2 S 1/2 E	1/2	First part of this 24 Hours
2	5		1/2 N 1/2 E	1/2 S 1/2 E		commences with moderate
3	5					Breezes and passing clouds
4	5					at 12 30 P M take ship to the
5	5				1/2	SW ward
6	5					
7	5					
8	5					
9	5		1/2 N 1/2 E		1/2	
10	5					
11	5		1/2 N 1/2 E	1/2 S 1/2 E		middle part moderate Breezes
12	5				1/2	and passing clouds with
1	5					variable winds
2	5					
3	5					
4	5					
5	5				1/2	Latter part moderate Breezes
6	5					and passing clouds
7	5					
8	5					at 8 A M saw a Brig to windward
9	5		1/2 S W	South	1/2	standing to the SW ward
10	5					this 24 Hours ends with moderate
11	5					Breezes and clear
12	5					Latitude by observation 29

Course	Distance	Diff of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob
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H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of July 1861
1						First part of this 24 Hours
2						commences with moderate
3						Breezes and calm with passing
4						clouds
5						at 4 P M take ship to the
6						SE ward
7						
8						
9						
10						
11						
12						middle part moderate
1						Breezes and passing clouds
2						
3						
4						
5						Latter part calm
6						Breezes and clear
7						
8						at 8 A M saw two Vessels to the
9						East ward standing to South
10						this 24 Hours ends with calm
11						
12						Latitude by observation 28 32

Course	Distance	Diff of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob.
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Journal from *St. John's* towards *St. John's* *1858*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			<i>Calcut</i>	<i>Calcut</i>		<i>First part of this 24 hours</i>		
2						<i>commenced with moderate</i>		
3						<i>Breeze and sea were warm</i>		
4								
5								
6								
7								
8								
9								
10								
11								
12			<i>Calcut</i>	<i>Calcut</i>		<i>Whistle part of the day</i>		
1			<i>21 5 8</i>					
2		<i>2</i>						
3		<i>2</i>						
4		<i>2</i>						
5		<i>2</i>	<i>21 5 8</i>			<i>Latter part Calcut</i>		
6		<i>2</i>						
7		<i>2</i>						
8		<i>2</i>						
9			<i>Calcut</i>	<i>Calcut</i>		<i>Whistle part of the day</i>		
10								
11								
12			<i>Calcut</i>	<i>Calcut</i>		<i>Whistle part of the day</i>		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	day of	18
1			<i>Calcut</i>	<i>Calcut</i>		<i>First part of this 24 hours</i>	<i>Wednesday</i>	<i>June 21</i>
2						<i>commenced with Calcut</i>		
3								
4								
5								
6								
7								
8			<i>Calcut</i>	<i>Calcut</i>				
9		<i>2</i>	<i>21 5 8</i>					
10		<i>2</i>						
11			<i>Calcut</i>	<i>Calcut</i>				
12						<i>Whistle part of the day</i>		
1						<i>Whistle part of the day</i>		
2						<i>Whistle part of the day</i>		
3						<i>Whistle part of the day</i>		
4								
5						<i>Latter part Calcut</i>		
6								
7								
8								
9						<i>Whistle 24 hours in the day</i>		
10						<i>Whistle 24 hours in the day</i>		
11								
12			<i>Calcut</i>	<i>Calcut</i>		<i>Whistle part of the day</i>		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from *St. John's, Nfld.* towards *St. John's, Nfld.*

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS
			<i>SE 1/4 S</i>	<i>SE 1/4 S</i>	<i>1/4</i>	<i>on board day of Thursday June 18 68</i>
1	3					<i>First part of these 24 hours</i>
2	3					<i>commenced with moderate</i>
3	3					<i>breezes and passing clouds</i>
4	3					<i>with variable winds</i>
5	3		<i>SE 1/4 S</i>	<i>SE 1/4 S</i>	<i>1/4</i>	
6	3					
7	3					
8	3					
9	3		<i>SE 1/4 S</i>	<i>SE 1/4 S</i>	<i>1/4</i>	
10	3					
11	3					
12	3					<i>middle part moderate</i>
1	3				<i>1/4</i>	<i>breezes and passing clouds</i>
2	3					
3	3					
4	3					
5	3				<i>1/4</i>	<i>Latter part moderate</i>
6	3					<i>breezes and passing clouds</i>
7	3		<i>SE 1/4 S</i>	<i>SE 1/4 S</i>		<i>with variable winds</i>
8	3					
9	3				<i>1/4</i>	<i>these 24 hours ended with</i>
10	3					<i>moderate breezes and clouds</i>
11	3					<i>Latitude by observation</i>
12	3					<i>Run 1/2 mile with a head</i>

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob
H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	<i>on board day of Friday June 19 68</i>		
			<i>SE 1/4 S</i>	<i>SE 1/4 S</i>	<i>1/4</i>	<i>First part of these 24 hours</i>			
1	3					<i>commenced with fresh breezes</i>			
2	3		<i>SE 1/4 S</i>			<i>and passing clouds</i>			
3	3								
4	3				<i>1/4</i>				
5	3								
6	3								
7	3		<i>SE 1/4 S</i>	<i>SE 1/4 S</i>					
8	3				<i>1/4</i>				
9	3		<i>SE 1/4 S</i>			<i>at 9 AM saw a vessel to the</i>			
10	3					<i>Westward traveling in the</i>			
11	3					<i>middle part</i>			
12	3				<i>1/4</i>	<i>middle part fresh breezes and</i>			
1	3					<i>passing clouds with a heavy sea</i>			
2	3					<i>running from the SE word</i>			
3	3								
4	3				<i>1/4</i>				
5	3					<i>Latter part fresh breezes and</i>			
6	3		<i>SE 1/4 S</i>	<i>SE 1/4 S</i>		<i>passing clouds</i>			
7	3								
8	3				<i>1/4</i>				
9	3					<i>these 24 hours ended with fresh</i>			
10	3					<i>breezes and passing clouds</i>			
11	3		<i>SE 1/4 S</i>			<i>Latitude by observation 24 48</i>			
12	3					<i>Run 1/2 mile with a head</i>			

Journal from New York towards Chagres port
Barb L. B. Hussey Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	on board day of	18
1	7		N E 1/2 E	E N E	1/4	First part of this 24 hours commences with fresh breezes and passing clouds with rain squalls	Saturday June 24	65
2	7							
3	7							
4	7							
5	7				1/4			
6	7							
7	7							
8	7							
9	7				1/4			
10	7							
11	7							
12	7							
1	7		SSE 1/2 E	WSE 1/2 E	1/4	Middle part fresh breezes and variable winds with passing clouds		
2	7							
3	7							
4	7							
5	7				1/4			
6	7							
7	7							
8	7							
9	7				1/4			
10	7							
11	7							
12	7		SSE 1/2 E	WSE				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	on board day of	18
1	3		SSE 1/2 E	ESE 1/2 E	1/4	First part of this 24 hours commences with fresh breeze and squally weather	Sunday June 25	65
2	3							
3	3							
4	3							
5	3		SSE 1/2 W	SE	1/4			
6	3							
7	3							
8	3							
9	3				1/4			
10	3							
11	3							
12	3							
1	3				1/4	Middle part moderate breezes and passing clouds		
2	3							
3	3							
4	3							
5	3		SSE 1/2 W	SE	1/4			
6	3							
7	3							
8	3							
9	3				1/4			
10	3							
11	3							
12	3		SSE 1/2 W	SE				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from ... towards ...

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS
1						on board day of Monday June 18 th 1865
2						First part of this 24 hours
3						commenced with moderate
4						breezes and passing clouds
5						
6						
7						
8						
9						
10						
11						
12						middle part fresh breezes
1						and passing clouds
2						
3						
4						
5						Latter part fresh breezes and
6						passing clouds
7						At 6 AM made the new point of port to riga bearing
8						SW 1/2 E by the compass at 1 1/2 PM used the harbor of
9						marquise at 4 1/2 PM the pilot came on board took
10						the vessel in the harbor at 6 PM came to anchor
11						under Landolt anchors 12 fathom chains used the
12						Sails just cleared up the decks see ends this with
						36 Hours Harbor log begins
			Course.	Distance.	Diff. of Lat.	Departure.
					Lat. by D. R.	Lat. by Ob
					Variation.	Diff. of Lon.
						Lon. in.
						Lon. by Ob

[illegible]

Journal from *San Francisco* to *San Pedro de Macoris* 1868

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remarks on board This day commences with fine breezes and clear at 5 AM called all hands the crew employed in debarking cargo and ends this day equally with rain		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1						Remarks on board This day commences with fine breezes and clear at 5 AM called all hands the crew employed in debarking cargo and ends this day equally with rain		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1						Remarks on board This day commences with fine breezes and clear at 5 AM called all hands the crew employed in debarking cargo and ends this day equally with rain		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remarks on board This day commences with fine breezes and passing clouds at 5 AM called all hands the crew employed in taking in bar and ends this day equally with rain		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1						Remarks on board This day commences with fine breezes and passing clouds at 5 AM called all hands the crew employed in taking in bar and ends this day equally with rain		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1						Remarks on board This day commences with fine breezes and passing clouds at 5 AM called all hands the crew employed in taking in bar and ends this day equally with rain		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from

towards

Course.	Distance.	Diff of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	COURSES.	WINDS	LEEWAY	REMARKS
1				On board day of Tuesday July 18 68
2				First part of Three or four
3				commenced with fresh breezes
4				and passing clouds
5				At noon took sight of land
6				Land at 5 P.M. took sight of land
7				Land at 5 P.M. took sight of land
8				Land at 5 P.M. took sight of land
9				Land at 5 P.M. took sight of land
10				Land at 5 P.M. took sight of land
11				Land at 5 P.M. took sight of land
12				Land at 5 P.M. took sight of land
1				Middle part fresh breeze
2				passing clouds
3				At 1 P.M. took sight of land
4				Land at 1 P.M. took sight of land
5				Land at 1 P.M. took sight of land
6				Land at 1 P.M. took sight of land
7				Land at 1 P.M. took sight of land
8				Land at 1 P.M. took sight of land
9				Land at 1 P.M. took sight of land
10				Land at 1 P.M. took sight of land
11				Land at 1 P.M. took sight of land
12				Land at 1 P.M. took sight of land
1				At 4 P.M. the pilot saw a boat
2				At 4 P.M. the pilot saw a boat
3				At 4 P.M. the pilot saw a boat
4				At 4 P.M. the pilot saw a boat
5				At 4 P.M. the pilot saw a boat
6				At 4 P.M. the pilot saw a boat
7				At 4 P.M. the pilot saw a boat
8				At 4 P.M. the pilot saw a boat
9				At 4 P.M. the pilot saw a boat
10				At 4 P.M. the pilot saw a boat
11				At 4 P.M. the pilot saw a boat
12				At 4 P.M. the pilot saw a boat

Journal from towards

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remark on board of this day commences with		
2						at 5 AM called all hands the		
3						crew employed in the Vessels		
4						clutter no lighters for the bar		
5						this day sa fresh breezes and		
6						passing clouds		
7								
8								
9						Remark on board of this day commences with fresh		
10						at 5 AM called all hands the		
11						all hands at 9 AM lighters came		
12						Long said commences to		
1						dechlorogen bar last sa		
2						ends this day fresh breezes and		
3						passing clouds		
4								
5						Remark on board of this day commences with		
6						at 5 AM called all hands the		
7						crew employed in dechlorogen		
8						bar last at 5 PM fines arrived		
9						the bar last sa ends this day		
10						fresh breezes and slightly		
11						weather		
12								

Course.	Distance.	Diff of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remark on board of this day commences with fresh		
2						at 5 AM called all hands the		
3						crew employed in getting		
4						rod's for cargo at 330 PM		
5						this day fresh breezes and slightly		
6								
7								
8								
9						Remark on board of this day commences with fresh		
10						at 6 AM called		
11						all hands the crew employed in		
12						washing the decks in more		
1						than this day sa end this with		
2						fresh breezes and passing clouds		
3								
4						Remark on board of this day commences with fresh		
5						at 5 AM called all hands the		
6						crew employed in getting		
7						rod's for cargo at 330 PM		
8						this day fresh breezes and slightly		
9								
10								
11								
12								

Course	Distance.	Diff of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob.
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Montreal from

towards

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remarks on board		
2						Thursday July 18 th 1865		
3						This day commences with		
4						fresh breezes and squally at		
5						AM called all hands the crew		
6						unplaid in taken in cargo		
7						this day received 25 th sugar		
8						between squally sails this		
9						day rainy weather		
10						Remarks on board		
11						Wednesday July 19 th 1865		
12						This day commences with		
1						fresh breezes and passing clouds		
2						at 5 AM called all hands the		
3						crew unplaid in resin cargo		
4						received 56 th sugar and		
5						this day fresh breezes and rainy		
6						weather		
7						Remarks on board		
8						Thursday July 20 th 1865		
9						This day commences with		
10						fresh breezes and passing clouds at 5 AM		
11						called all hands the crew		
12						unplaid in taken in cargo		
1						this day received 28 th sugar		
2						this day fresh breezes and		
3						passing clouds		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	day of	18
1						Remarks on board		
2						Friday July 21 st 1865		
3						This day commences with		
4						fresh breezes and passing clouds		
5						at 5 AM called all hands the		
6						crew unplaid in taken in		
7						cargo this day received 18 th sugar		
8						and sails this day fresh		
9						breezes and passing clouds		
10						Remarks on board		
11						Saturday July 22 nd 1865		
12						This day commences with		
1						fresh breezes and passing clouds		
2						at 5 AM called all hands the		
3						crew unplaid in taken in		
4						the cargo in the launch		
5						at 11 AM received 19 th sugar		
6						and sent for 9 th sugar		
7						the ship's board of 13 in		
8						plus of 9 had no files for		
9						dam all I received the 9 th		
10						which I sent for and left		
11						the 9 in the light the		
12						of the light at the		
1						until Monday by		
2						leaving a man to		
3						look after the light		
4						and sent for 9 th sugar		
5						and passing clouds		
6						last of the day		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board			This day commences with fresh breezes and passing clouds at 6 AM called all hands the crew employed in the Vessels duties in cargo so ends this day for weather		
2			Sunday July 23 rd 1865					
3								
4								
5								
6								
7								
8			Remarks on board			This day commences with fresh breezes and clear at 5 AM called all hands the crew employed in the Vessels duties in cargo so ends this day for weather		
9			Monday July 24 th 1865					
10								
11								
12								
1								
2								
3			Remarks on board			This day commences with fresh breezes and passing clouds at 5 AM called all hands the crew employed in the Vessels duties in cargo so ends this day for weather		
4			Tuesday July 25 th 1865					
5								
6								
7								
8								
9								
10			Remarks on board			This day commences with fresh breezes and clear at 5 AM called all hands the crew employed in the Vessels duties in cargo so ends this day for weather		
11			Wednesday July 26 th 1865					
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board			This day commences with fresh breezes and clear at 5 AM called all hands the crew employed in the Vessels duties in cargo so ends this day for weather		
2			Thursday July 27 th 1865					
3								
4								
5								
6								
7								
8								
9								
10								
11			Remarks on board			This day commences with fresh breezes and passing clouds at 6 AM called all hands the crew employed in getting reefs for sea so ends this day for weather		
12			Friday July 28 th 1865					
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Memorial from *W. J. ...* towards *...*

	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of	18
1				At 1 P.M. the ...	
2				...	
3				...	
4				...	
5			$\frac{1}{4}$	At 5 P.M. ...	
6				...	
7				...	
8				...	
9			$\frac{1}{4}$...	
10				...	
11				...	
12			$\frac{1}{4}$...	
1				...	
2				...	
3				...	
4				...	
5			$\frac{1}{4}$...	
6				...	
7				...	
8				...	
9			$\frac{1}{4}$...	
10				...	
11				...	
12				...	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS on board day of
1	6					...
2	6					...
3	6					...
4	6					...
5	6				$\frac{1}{4}$...
6	6					...
7	6					...
8	7					...
9	7				$\frac{1}{4}$...
10	6					...
11	6					...
12	6					...
1	6				$\frac{1}{4}$...
2	6					...
3	6					...
4	6					...
5	6				$\frac{1}{4}$...
6	6					...
7	6					...
8	6					...
9	6				$\frac{1}{4}$...
10	6					...
11	6					...
12	6					...

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from *St. John's, Nfld.* towards *New York City* *by the schooner "G. B. Hoare" Captain J. B. Hoare*

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS
1	1		NW 3/4	E 1/2	1/2	First part of this 24 hours
2	1					commenced with fine
3	1					breezes and passing clouds
4	1		NW 1/2			
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1			E 1/2	1/2	Second part of this 24 hours
1	1					and passing clouds with
2	1					Variable Winds
3	1					
4	1					
5	1			East	1/2	Latter part of this 24 hours
6	1					and passing clouds
7	1					
8	1					
9	1				1/2	This 24 hours ended with
10	1					fresh breezes and passing
11	1					clouds with variable winds
12	1					Latitudes by observation 25° N.
						Longitudes by observation 70° W.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1		NW 3/4	E 1/2	1/2	First part of this 24 hours
2	1					commenced with moderate
3	1					breezes and passing clouds
4	1					
5	1				1/2	
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					Second part of this 24 hours
1	1				1/2	and passing clouds with variable
2	1					Winds.
3	1					
4	1					
5	1				1/2	Latter part of this 24 hours
6	1					and passing clouds
7	1					
8	1					At 8 A M in Lat. 24 15' N. and
9	1					Longitudes 70 40 West spoke
10	1					only barometer close at hand
11	1					
12	1					Latitudes by observation 25° N.
						Longitudes by observation 70° W.

Course	Distance	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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from the harbor of New York towards the north
 Bar 4. 1863

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		N by W	N E	1/4	First part of this 24 hours
2	3					commenced with fresh breeze
3	3					and passing clouds
4	3					
5	3				1/4	
6	3					
7	3					
8	3					
9	3					
10	3		N by W	N E by S	1/4	
11	3					
12	3					Second part of this 24 hours
1	3					commenced with fresh breeze
2	3				1/4	and passing clouds
3	6					
4	6					
5	6		N W	N E	1/4	Latter part fresh breeze
6	6					and passing clouds
7	6					Variable Winds
8	6		N W	N E by S		
9	6				1/4	This 24 hours ended with
10	6					fresh breezes and passing
11	6					clouds
12	6		N by W	N E		Latitude by observation 39 39

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		N by W	N E	1/4	First part of this 24 hours
2	6					commenced with fresh
3	6					breezes and passing clouds
4	6					with variable winds
5	6				1/4	
6	6					
7	6					
8	6					at 8 A M hauled the light
9	6				1/4	sails
10	6					
11	6					
12	6		N by W	N E		Second part fresh breeze
1	6				1/4	and passing clouds
2	6					
3	6					
4	6					
5	6				1/4	Latter part fresh breeze
6	6					and passing clouds
7	6					with variable winds
8	6					
9	6				1/4	This 24 hours ended with
10	6					fresh breezes and passing
11	6					clouds
12	6		N by W	N E		Latitude by observation 31 31

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal

[illegible][illegible]

Journal

from *Hepple to Port* towards *San Francisco*
Bark Macnamara to Capt. H. Hussey, Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of <i>Monday August</i> 18
1	4		<i>N by W</i>	<i>SSE</i>	$\frac{1}{2}$	<i>First part of time 24 hours breeze with moderate breezes and passing clouds in the variable winds</i>
2	4					
3	4					
4	4					
5	4				$\frac{1}{2}$	
6	7			<i>South</i>		
7	4					
8	5					
9	5			<i>SSE</i>	$\frac{1}{2}$	
10	7					
11	5					
12	5		<i>N by W</i>	<i>SW</i>		<i>middle part moderate breeze and variable winds with passing clouds</i>
1	5				$\frac{1}{2}$	
2	5					
3	5					
4	5				$\frac{1}{2}$	
5	5					<i> Latter part equally at 6 A.M. saw a bark in the West ward at 8 saw a brig standing to the North ward This is 24 hours Endeavour fresh breeze and passing clouds</i>
6	5					
7	5			<i>SSE</i>		
8	5					
9	5				$\frac{1}{2}$	
10	5			<i>WSW</i>		
11	5					
12	5		<i>N by W</i>	<i>SW</i>		<i>Lat. by observation 36 21. Run up well at anchor</i>

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS on board day of <i>Monday August</i> 18 63
1	8		<i>N by W</i>	<i>SW</i>	$\frac{1}{2}$	<i>First part of time 24 hours breeze with fresh breeze and passing clouds</i>
2	8					
3	8		<i>N by W</i>			
4	7					
5	7				$\frac{1}{2}$	
6	7					
7	7					
8	7					
9	7		<i>North</i>		$\frac{1}{2}$	
10	7					
11	7					
12	7					<i>middle part fresh breeze and passing clouds with a heavy sea running</i>
1	7				$\frac{1}{2}$	
2	7					
3	7					
4	7				$\frac{1}{2}$	
5	7					<i> Latter part fresh gales and equally weather</i>
6	7					
7	7		<i>N by W</i>			
8	7					
9	7		<i>SW</i>		$\frac{1}{2}$	
10	7					<i>at 8 A.M. light ship of fine favourable breeze and light at 6 miles</i>
11	7					
12	7			<i>SW</i>		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Hesperia Bay in towards New York
 Port Sacramento 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS	day of	18
1	5		W 1/2 S	East	1/4	First part of Hesperia Bay		
2	5					commenced with fresh breezes		
3	5					cloud passing clouds		
4	5					At 1 1/2 afternoon light breeze bore		
5	5				1/4	W 1/2 S distant 6 miles		
6	5							
7	5							
8	5							
9	5		W 1/2 S	W	1/4	At 9 P M Hesperia light bore		
10	5					West distant 5 miles		
11	5							
12	5					Abolished first fresh breezes with		
1	4				1/4	clear with variable winds		
2	4							
3	4					At 3 1/2 AM to let ship to the		
4	4		W 1/2 S	W		Westward		
5	4				1/4	Latter part fresh breezes and		
6	4					passing clouds		
7	4					At 4 AM the pilot came aboard from the		
8	4					At 9 AM 3 50 PM Hesperia light bore west distant		
9	4					3 miles at 10 30 PM came to anchor in the coran tie		
10	4					under larboard anchor as far as chain used the sail		
11	4					fast cleared up the clouds so much this with 36.		
12	4					House harbor log begins		

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Hesperia Bay			This day commenced with fresh		
2			W 1/2 S			Breezes and clear at 7 1/2 AM the		
3						toaster came on board cleared the		
4						Vessel from the coran tie at 9 AM		
5						the tag boat came long said		
6						towed the vessel up to elbow yard		
7						At 11 AM came to anchor in the		
8						At 1 PM the tag boat		
9						came long said towed the vessel		
10						in to the house		
11						Vessel fast cleared up the clouds		
12						the crew went on shore so much		
1						this day fair weather		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from *Chesapeake* towards *Philadelphia*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1						This day commences with fine		
2						Breezes and passing clouds at 2 PM		
3						the a man came on board and the		
4						by boat		
5						the crew employed in the vessel		
6						the crew employed in the vessel		
7						the crew employed in the vessel		
8						the crew employed in the vessel		
9						the crew employed in the vessel		
10						the crew employed in the vessel		
11						the crew employed in the vessel		
12						the crew employed in the vessel		
1						This day commences with fine		
2						Breezes and calm at 6 AM called all		
3						hands the crew employed in the		
4						Vessel the crew employed in the		
5						the crew employed in the vessel		
6						the crew employed in the vessel		
7						the crew employed in the vessel		
8						the crew employed in the vessel		
9						the crew employed in the vessel		
10						the crew employed in the vessel		
11						the crew employed in the vessel		
12						the crew employed in the vessel		
1						This day commences with fine		
2						Breezes and calm at 6 AM called all		
3						hands the crew employed in the		
4						the crew employed in the vessel		
5						the crew employed in the vessel		
6						the crew employed in the vessel		
7						the crew employed in the vessel		
8						the crew employed in the vessel		
9						the crew employed in the vessel		
10						the crew employed in the vessel		
11						the crew employed in the vessel		
12						the crew employed in the vessel		

Course. Distance. Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1						This day commences with fine		
2						Breezes and passing clouds at 4 AM		
3						called all hands at 7 AM		
4						the anchor was set at 12 1/2 PM		
5						to anchor of Staten Island		
6						the anchor was set at 12 1/2 PM		
7						the anchor was set at 12 1/2 PM		
8						the anchor was set at 12 1/2 PM		
9						the anchor was set at 12 1/2 PM		
10						the anchor was set at 12 1/2 PM		
11						the anchor was set at 12 1/2 PM		
12						the anchor was set at 12 1/2 PM		
1						This day commences with fine		
2						Breezes and passing clouds at 5 AM		
3						called all hands home up the		
4						the anchor was set at 8 AM		
5						the anchor was set at 8 AM		
6						the anchor was set at 8 AM		
7						the anchor was set at 8 AM		
8						the anchor was set at 8 AM		
9						the anchor was set at 8 AM		
10						the anchor was set at 8 AM		
11						the anchor was set at 8 AM		
12						the anchor was set at 8 AM		

Course. Distance. Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Journal from ... towards ...

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	18
1								
2								
3								
4								
5								
6								
7								
8						At 4 PM Barnegate light bore		
9						W by W distant 3 miles		
10								
11								
12								
1						At 12 M ...		
2						At 12 M ...		
3						At 4 AM ...		
4						At 4 AM ...		
5						At 4 AM ...		
6						At 4 AM ...		
7						At 4 AM ...		
8						At 4 AM ...		
9						At 4 AM ...		
10						At 4 AM ...		
11						At 4 AM ...		
12						At 4 AM ...		

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Bar & Memoranda by ing part of The Indolphia
Journal from L. B. Hussey towards Gloucester

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board			These day commences with fine		
2			Thursday Sept 20 to 1868			Breezes and clear at 6 AM called		
3						hands the crew embarked in the		
4						chamber cargo so ends this day		
5						fine weather		
6			Remarks on board			These day commences with fine		
7			Thursday Sept 21 to 1868			Breezes and passing clouds at 3 AM		
8						called all hands the crew embarked		
9						in the vessel down to deck and		
10						cargo so ends this day fine		
11						weather		
12			Remarks on board			These day commences with fresh		
1			Friday Sept 22 to 1868			Breezes and passing clouds at 6 AM		
2						called all hands the crew embarked		
3						in the chamber cargo so ends		
4						this day fresh breezes and passing		
5						clouds		
6								
7			Remarks on board			These day commences with fine		
8			Friday Sept 23 to 1868			Breezes and passing clouds at 6 AM		
9						called all hands the crew embarked		
10						in the chamber cargo so ends		
11						this day fine weather		
12								

Course.	Distance.	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board			These day commences with fine		
2			Saturday Sept 24 to 1868			Breezes and clear at 6 AM called		
3						hands the crew embarked in the		
4						chamber cargo so ends this day		
5			Remarks on board			These day commences with fresh		
6			Saturday Sept 25 to 1868			Breezes and passing clouds at 6 AM		
7						called all hands the crew embarked		
8						in the chamber cargo at 830 PM		
9						fine weather		
10						to load the vessel down to deck and		
11						to load for Boston so ends this		
12						day fine weather		
1			Remarks on board			This day commences with fine		
2			Sunday Sept 26 to 1868			Breezes and clear at 6 AM called		
3						all hands the crew embarked in		
4						gating ready for		
5						cargo at 10 AM commences to		
6						ends this day fine weather		
7			Remarks on board			This day commences with fine		
8			Sunday Sept 27 to 1868			Breezes and clear at 6 AM called		
9						all hands the crew embarked in		
10						the vessel down to deck and		
11						to load for Boston so ends this		
12						day fine weather		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from *Black Waterman to Lying in port at Philadelphia*
4 to 5 running towards

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board			This day commences with fine		
2			Thursday Sept 28 th 1865			fresh breezes and passing clouds		
3						at 6 AM called all hands the crew		
4						employed in the Vessel due to		
5						sa ends this day fresh breezes and		
6						passing clouds		
7								
8			Remarks on board			This day commences with fine		
9			Friday Sept 29 th 1865			breezes and passing clouds at 6 AM		
10						called all hands the crew employed		
11						in the Vessel due to sa ends this		
12						day fair Weather		
1								
2			Remarks on board			This day commences with fine		
3			Saturday Sept 30 th 1865			breezes and clear at 6 AM called		
4						all hands the crew employed in		
5						the Vessel due to sa ends this		
6						day fresh breezes and passing		
7						clouds		
8								
9			Remarks on board			This day commences with fine		
10			Sunday Oct 1 st 1865			breezes and clear at 6 AM called all		
11						hands the crew employed in washing the		
12						decks narrower than this day sa ends this		

Course Distance Diff of Lat. Departure Lat. by D. R. Lat by Ob Variation. Diff of Lon. Lon. in. Lon. by Ob

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board			This day commences with fine		
2			Monday Oct 2 nd 1865			breezes and passing clouds at 6 AM		
3						called all hands the crew employed		
4						in the Vessel due to sa ends this		
5						day fair Weather		
6								
7			Remarks on board			This day commences with fine		
8			Tuesday Oct 3 rd 1865			breezes and passing clouds at 6 AM		
9						called all hands the crew employed		
10						in the Vessel due to sa ends this		
11						Receiving cargo sa ends this day		
12						fair Weather		
1								
2			Remarks on board			This day commences with fine		
3			Wednesday Oct 4 th 1865			breezes and passing clouds at 6 AM		
4						called all hands the crew employed		
5						in the Vessel due to the Vessel received		
6						cargo sa ends this day fresh breezes		
7						and passing clouds		
8								
9			Remarks on board			This day commences with fine		
10			Thursday Oct 5 th 1865			breezes and passing clouds at 6 AM		
11						called all hands but 12 in fines to doing		
12						the Vessel at 6 PM day both coming		

Course Distance Diff of Lat. Departure Lat. by D. R. Lat by Ob Variation. Diff of Lon. Lon. in. Lon. by Ob

Journal from Philadelphia

towards Boston

Bark Sacramento

4 13 Henry Shattuck

day of

18

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						These day commences with fine breezes
2						And passing clouds at 8 AM called all
3						hands home up. The anchors need sail
4						At 830 PM come to anchors in the
5						Bra water and the sails faster at 6
6						the pilotate went on shores so
7						this day fresh breezes from the
8						
9						These day commences with fine breeze
10						from the W at 8 AM called all hands
11						home up. the anchors need sail at 11 AM
12						Cape Henlopen light house bore at 11
1						and Cape may light house bore at 11
2						distance 13 miles so ends this with
3						12 hours sea log begins
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS
1						At noon got underway with a fine
2						breezes from the NW
3						
4						
5						At 820 PM Absecon light bore
6	1		N E	S W	1/2	bore NW distant 4 miles from
7	5					which I take my departure
8	7					
9	5				1/2	At 9 PM Barnegate light bore
10	5					NW distant 10 miles
11	5					
12	5					At 10 PM fresh breezes and
1	6				1/2	clear
2	6					
3	6					
4	6					
5	6				1/2	At 11 PM part fresh breezes and
6	6					passing clouds with variable
7	6					
8	6					
9	6				1/2	At 12 PM fresh breeze and
10	6					clear at 12 PM Shinnecock light
11	6					bore NW distant 8 miles
12	6					Puff about at anchor

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Philadelphia towards Boston
Bark Sacramento G B Brown, 1858

H	K	P	COURSES	WINDS.	LEEWAY.	REMARKS	on board day of	1858
1	4		N E 1/2 E	SW	1/2	The first part of this 24 hours commenced with fine breezes and clear	Thursday Oct 1	
2	4							
3	4							
4	4							
5	4				1/2			
6	4							
7	4					At 730 P M from Tager Light Bore NW distant 5 miles		
8	5							
9	5		E NE		1/2			
10	5					At 10 P M fresh breezes from the NW and foggy		
11	5							
12	4							
1	4		N E 1/2 E	North	1/2	middle part fresh breezes and passing clouds		
2	5							
3	5							
4	5					At 1 P M B. bark is land here W 1/2 W distant 8 miles		
5	5				1/2			
6	5							
7	5		N E 1/2 N			Latter part moderate breezes and passing clouds		
8	5			W N W				
9	5				1/2			
10	5					At 1 A M sail made back and Gay head passing by the compass		
11	5							
12	5							

Course	Distance	Diff of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob.
						N 1/2 W			

H	K	P	COURSES.	WINDS.	LEEWAY.	REMARKS	on board day of	1858
1			N W	East		First part of this 24 hours commenced with fresh gales and passing clouds	Friday Oct 2	
2								
3								
4								
5								
6								
7						At 170 P M came to anchor in about 30 fathoms clear made the sails for		
8								
9								
10								
11								
12								
1						middle part fresh gales and passing clouds		
2								
3								
4								
5								
6								
7						Latter part fresh gales and passing clouds		
8								
9								
10								
11								
12								

Course	Distance	Diff of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob.
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Journal from *1 1/2 miles off Sophia towards Bar. Pass*
Dark water under the ship B. Messy plaster

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						First part of this 24 hours
2						commences with fresh breezes and
3						hazy
4						At 4 30 PM hove up the anchor and
5			E S E	N W W	1/4	sail at 5 40 PM past the Brampton
6						Reffe light ship
7						
8						At 8 30 PM past the light ship of
9			E S E	N W W	1/4	saw and figs
10						At 10 PM past the grey head
11			S E			
12						the middle part fresh breezes and clear
1					1/4	At 1 AM came to anchor in harbour
2						hove under barbate anchor
3						30 fathom chain and the sails
4						folded and cleared up the decks
5				North		Latter part fresh gales and clear
6						
7						
8						
9				N W E		This 24 hours ends with fresh
10						gales and clear
11						
12						Now observation this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS
1						First part of this 24 hours commences
2						with moderate breezes and clear
3						With variable winds the vessel
4						to anchor in harbour
5						
6						
7						
8						
9						
10						At 10 PM fresh breeze from the NW
11	6		E S E	N W W		Hove up the anchor and sail
12	6					the middle part fresh breezes from
1	6				1/4	the NW and passing clouds
2	6		E S E			At 1 AM past the light boat of
3	6					crossed
4	6		E S E			At 3 AM past the light boat of the
5	6		North	N W W	1/4	Harbour at 3 40 AM past the light boat
6	6					of the light at 4 AM the vessel got
7	6					at the light
8	6					At 5 AM past the light boat of the
9	2		N E E	North	2	by the compass west distant 5 miles
10	2					At 8 AM Cape Cod light bore west
11	2					distant 8 miles and the wind hauled
12	2					south by to the north with fresh gales and

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Philadelphia towards Boston

Bark *Acuminata* G B Hussey of Gloucester

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS on board day of <i>Friday Oct 13th</i> 186
1	2		N E by N	N E W	2	First part of time 24 Hours
2	2					commences with fresh gales and
3	2					Stagnant Weather a heavy sea running
4	2					At 3 P M set the main top sail
5	2		N E	N W W	2	close reefed
6	2					
7	2					
8	2					
9	2				3	
10	2					
11	2					
12	2		N E by E	North		Whiddee part fresh gales and
1	2		N W W		3	Stagnant at mid night wore ship
2	2					to the West ward
3	2					At 1 A M shift a sea in which put
4	2					the cabin and take the or four barrels
5	2				3	of potatoes over the side
6	2					the area employed in baling the
7	2					Weather of the cabin and secure the
8	2					shark led the Vessel labor was head
9	2				2	At 8 A M found part of the bulwork
10	2					gone at 8 30 A M more moderate
11	2					used sail
12	2		N W W	North		Latitude by Observation 41.59

Bumps well attended over hours

Course	Distance	Diff of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff of Lon.	Lon. in.	Lon. by Ob
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of <i>Saturday Oct 14th</i> 186
1			N E by N	N W E	2	First part of time 24 Hours
2			West	N W W		commences with fresh breezes
3			N W E	North		and passing clouds with variable
4						Winds with a heavy sea running
5					2	At 2 P M Taked ship of shore
6						
7						
8			N W W	N W		At 8 P M Cape Cod light bore
9					2	N W distant 10 miles
10			N W	N W W		
11						
12						Whiddee part fresh breezes
1			N W E	North	2	and passing clouds with
2						a heavy sea running
3						
4						At 5 30 A M Taked ship to the west
5					2	So other part more moderate
6			N W W	N W		used sail
7						At 10 A M the pilot came on board at the Cape
8						At 12 M fine Breez from the NW The Vessel going up
9						for Boston at 4 P M put the miners hedges at 10 P M
10						past the Boston Light at 12 M came to anchor off East
11						Boston under labor to anchor 30 fadoms then used the
12						shut fast the pilot went on shore 24 miles this with

36 Hours harbor log begins

Course	Distance	Diff of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff of Lon.	Lon. in.	Lon. by Ob.
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Journal from Philadelphia towards Boston
Bark Sacramento G B Hussey Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remarks on board		
2						Sunday Oct 15 1865		
3						This day commences with		
4						fresh gales and rainy weather		
5						noting down this day so ends		
6						this with fresh gales and		
7						usually		
8						with rain		
9						the latter day		
10								
11						Remarks on board		
12						Sunday Oct 16 1865		
1						This day commences with fresh		
2						breezes and passing clouds at 6 AM		
3						called all hands at 8 AM the tug		
4						bought our long sail for the		
5						Vessel in to San Pedro wharf used		
6						the vessel fast at 1 PM commences		
7						to discharge the deck load so ends		
8						this day fresh breezes and passing clouds		
9								
10						Remarks on board		
11						Monday Oct 17 1865		
12						This day commences with fresh		
1						breezes and passing clouds at 6 AM		
2						called all hands the crew employed		
3						in discharging cargo so ends this		
4						day fresh breezes and passing clouds		
5						at 9 AM port warden surveying		
6						the hatches		
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	day of	18
1						Remarks on board		
2						Wednesday Oct 18 1865		
3						This day commences with fresh gales		
4						and usually with rain at 1 PM com		
5						mences to discharge cargo so ends		
6						this with fresh gales and passing		
7						clouds wind SW		
8								
9						Remarks on board		
10						Thursday Oct 19 1865		
11						This day commences with fresh gales		
12						and passing clouds at 6 AM called all		
1						hands the crew employed in discharging		
2						cargo so ends this day fresh gales		
3						and passing clouds at 10 AM port		
4						warden surveying the cargo		
5						Remarks on board		
6						Friday Oct 20 1865		
7						This day commences with fresh		
8						gales and passing clouds at 6 AM		
9						called all hands the crew employed		
10						in discharging cargo so ends this		
11						day fresh breezes and passing clouds		
12								
1						Remarks on board		
2						Saturday Oct 21 1865		
3						This day commences with fresh gales		
4						and passing clouds at 6 AM called all		
5						hands the crew employed in the		
6						Vessel due the so ends this day fresh		
7						gales and passing clouds wind		
8						SW		
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob
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H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board			This day commences with fresh		
2			Monday Oct 22 nd 1868			Breezes and clear at 7 AM called all		
3						hands the crew employed in		
4						Washing the decks as usual		
5						This day so ends this with fair weather		
6						Sabbath day		
7			Remarks on board			This day commences with fresh		
8			Tuesday Oct 23 rd 1868			Breezes and clear at 6 AM called all		
9						hands the crew employed in the		
10						Vessels & the deckard for cargo		
11						so ends this day fresh breezes and clear		
12								
1			Remarks on board			This day commences with fresh		
2			Wednesday Oct 24 th 1868			Breezes and clear at 6 AM called all		
3						hands the crew employed in		
4						deckard for cargo so ends this		
5						day fresh breezes and clear		
6								
7			Remarks on board			This day commences with fair		
8			Thursday Oct 25 th 1868			Breezes and clear at 6 AM called		
9						all hands the crew employed in		
10						deckard for cargo so ends this day		
11						fair weather		
12								

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board			This day commences with fresh		
2			Friday Oct 26 th 1868			Breezes and clear at 6 AM called		
3						all hands the crew employed in		
4						deckard for cargo at 3 PM fine		
5						clearing the vessel clear of		
6						the vessel hauled so ends this		
7						day fair weather wind at 10		
8								
9			Remarks on board			This day commences with fresh		
10			Saturday Oct 27 th 1868			Breezes and fair weather at 6		
11						PM hail ship over to deck		
12						Ward and the vessel back		
1						clear up the deck so ends the		
2						day fair weather		
3						Wind at 6		
4			Remarks on board			This day commences with fresh		
5			Sunday Oct 28 th 1868			Breezes and passing clouds no rain		
6						down with cargo this day so ends		
7						this with fresh breezes and cloudy		
8								
9			Remarks on board			This day commences with fresh breezes		
10			Monday Oct 29 th 1868			and clear no rain clear this day		
11						so ends this with fresh breezes and		
12						clear wind at 10 Sabbath day		

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from _____ towards _____

[illegible]

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	day of	18
1			Remarks on board			This day commences with fresh		
2			Friday Nov 3 ^d 1865			Breezes and rainy weather. At 8 AM		
3						commences to clear the wind has		
4						and making the sea for sail		
5						this day fresh breezes and passing		
6						clouds. Wind ESE		
7			Remarks on board			This day commences with fresh breeze		
8			Saturday Nov 4 th 1865			and passing clouds with rain at noon		
9						called all hands the crew went out		
10						in getting rods for sea and this		
11						day fresh breezes and rain		
12						with rain wind west		
1			Remarks on board			This day commences with fine breeze		
2			Sunday Nov 5 th 1865			and passing clouds with rain at noon		
3						day so ends this with fresh breezes and		
4						squally with rain wind west		
5						Sabbath day		
6			Remarks on board			This day commences with fresh breeze		
7			Monday Nov 6 th 1865			and clear at 8 AM called all hands		
8						at 9 AM 2 of the crew came on board		
9						at 11 AM the tug boat came long said		
10						that the schooner was to be repaired		
11						and at 12 M the pilot boat came on board		
12						and this with the schooner was the beginning		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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[illegible]

Journal from *Kastanias* towards *Chatter mediterranean*
born Kastanias *J B Husey glaster*

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS
1						At noon got under way with
2						a fine breeze from the W.S.W
3						
4						
5						
6						
7						
8						At 8 P.M. Capt. had light house
9	6		E by S	W.S.W	1/2	bore S.W. by W distant 10 miles
10	6					from which I took my departure
11	6					
12	6		East	West		Middle part fresh gales and
1	6				1/2	strongly with rain headed the
2	6					light sails closed double reefed
3	6		East	W.S.W		top sails
4	6					
5	6				1/2	Latter part more moderate
6	6					and sail
7	6					
8	6					
9	6		E.S.E	West	1/2	Bore into this with fresh breeze
10	6					and a heavy sea running
11	7					
12	7					Latitude by observation 41 49

Pumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 N			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						On board day of <i>Wednesday</i> <i>Nov</i> <i>18</i> <i>18</i>
1	8		E by S	West	1/2	First part of Vise 24 courses
2	8					with fresh gales and strongly weather
3	8		S.E. by E	W.S.W		And a heavy sea running
4	8					
5	8				1/2	
6	8					
7	8					
8	8					
9	8				1/2	
10	8					
11	8					
12	8					Middle part fresh gales and strongly
1	7				1/2	weather
2	7					
3	7					
4	7					
5	7				1/2	Latter part fresh gales and passing
6	7					clouds with variable winds
7	7		S.E. by E	W.S.W		
8	7					
9	7				1/2	This 24 hours ends with fresh gales and
10	7					passing clouds
11	7					Observation this day
12	7					Latitude by D.R. 41 14.

Pumps well attended

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 N			

Journal from *San Francisco* towards *San Francisco*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Thursday June 9 1865
1	11		N E 1/2 E	N W 1/4 W	1/2	First part of this 24 hours
2	11					commenced with fresh gales and
3	11					passing clouds with variable winds
4						At 4 PM hauled the light sails
5	11			N E	1/2	and hoisted reefed top sail
6	11					
7	11					
8						
9	11				1/2	
10	11					
11	11					
12	11		N E 1/2 E	N W 1/4 W	1/2	middle part fresh gales and
1	11				1/2	passing clouds with variable winds
2	11					
3	11					
4	11					
5	11				1/2	At 10 PM hauled the light sails
6	11					and hoisted reefed top sail
7	11					
8	11			N E 1/2 E		
9	11				1/2	At 11 PM hauled the light sails
10	11					and hoisted reefed top sail
11	11					passing clouds with variable winds
12	11		N E 1/2 E	N W 1/4 W		Latitude by observation 31° 56.
Longitude by observation 121° 56.						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						2.1'			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Friday June 10 1865
1	4		E 1/2 S	E 1/2 E	1/2	First part of this 24 hours
2	4					commenced with fresh breezes and
3	3					passing clouds with variable winds
4	3					
5	3				1/2	
6	3					
7	2					
8			Calms	Calms		
9					1/2	At 8 PM calms
10						
11						
12			Calms	Calms		middle part moderate breeze
1	4		E 1/2 S	S W 1/4 W	1/2	and passing clouds with variable
2	3					winds
3	3					
4	3					
5	3				1/2	At 10 PM fresh breezes and
6	3					passing clouds with a heavy sea
7	3			S S W		running from the eastward
8	3					
9	6				1/2	At 11 PM hauled the light sails
10	6					and hoisted reefed top sail
11	7					passing clouds with variable winds
12	7		E 1/2 S	N W 1/4 W		Latitude by observation 32° 11.
Longitude by observation 122° 11.						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Boston Mass towards Atlantic Ocean
Barb Hiramanta of B. H. Hiramanta

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS
1	1		E by S	SW	1/2	First part of these 24 hours
2	1					common with fresh gales and
3	1					Squally Weather with variable
4	1			NW		Winds
5	1				1/2	
6	1					
7	1					
8	1			SW		At 8 P.M. set the top sails double
9	1					Reefed Squally Weather with rain
10	1				1/2	
11	1					
12	1			North		Mostly part fresh gales and Squally
1	1				1/2	With rain and a heavy sea running
2	1					from the East Wind
3	1					
4	1					
5	1				1/2	Latter part fresh gales and Squally
6	1					with variable Winds
7	1					At 8 A.M. more moderate and sun
8	1					
9	1			SW	1/2	These 24 hours ends with fresh
10	1					Breezes and passing clouds with a
11	1					heavy sea running
12	1		E by S			Latitude by observation 38 17.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 E			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1		E by S	SW	1/2	First part of these 24 hours
2	1					commences with fresh gales
3	1					and Squally Weather with a
4	1					heavy sea running
5	1			SW by S	1/2	
6	1					
7	1					
8	1					At 8 P.M. hoisted fore and main
9	1				1/2	top galls to double and double
10	1					top sail to 4 sail
11	1					
12	1			SW		Mostly part fresh gales and
1	1				1/2	Squally with rain and variable
2	1					Winds
3	1					
4	1				1/2	Latter part fresh gales and
5	1					Squally with a heavy sea running
6	1			North		
7	1					
8	1				1/2	These 24 hours ends with fresh
9	1					gales and Squally Weather
10	1					with variable Winds
11	1					Latitude by observation 37 59.
12	1		E by S	SW		Remains with a fresh

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 E			

Journal from

towards

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Monday June 18 66
1	8		E by S	at or 4	1/2	First part of these 24 hours commences with fresh gales and passing clouds with variable winds with a heavy sea running
2	8					
3	8					
4	8					
5	8				1/2	
6	7					
7	6					
8	6			at 6		
9	6			1/2	1/2	
10	5					
11	5					
12	5					
1	5				1/2	Middle part fresh gales and variable winds with squally weather
2	5					
3	4					
4	4					
5	4				1/2	
6	4					
7	4		S 6 3/4	E 3/4 S		
8	4					
9	4				1/2	
10	4		S 6 3/4	E 3/4 S		These 24 hours ends with fresh gales and squally with variable winds
11	4					Now observation this day
12	4					Latitude by L. R. 37 33. Bumps with a thunder

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						2 1/2			

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS on board day of Tuesday June 19 66
1	4		S 6 3/4	East	1 1/4	First part of these 24 hours commences with fresh gales and squally with variable winds and a heavy sea running at noon discovered Mamm in the bank water at 6 PM fresh gales and squally have the ship to under the reefed main top sail and fore top star sail
2	4					
3	4					
4	4					
5	4				1 1/4	
6	By the up E & E of S 6 1/2 of drift 1 1/2 per hour					
7						
8						
9					5'	
10						
11						
12						
1					5'	Middle part fresh gales and heavy weather with a heavy sea running in which the 4 great leavers were heavy
2						
3						
4						
5					5'	
6	By the up E & E of S 6 1/2 of drift 1 1/2 per hour					Latter part fresh gales and squally with rain
7						
8			E 3/4 S	at 6		
9	3				3	At 8 AM more moderate wind sail
10	3					These 24 hours ends with fresh breezes and passing clouds
11	4					
12	4		East	at 6		Latitude by observation 37 39. Bumps with a thunder

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						2 1/2			

Journal from Baltimore 24.11.18 towards White Head in the
Bark Ball'smen to G B Gussay Master

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	11 hour day of Friday 24.11.18
1	4	1/2	E 1/2 N	W. S.W.	1/2	First part of this 24 hours	
2	4	1/2				commenced with moderate breeze	
3	4	1/2				and passing clouds with variable	
4	5					Winds	
5	5			SW	1/2		
6	5						
7	6						
8	6						
9	6			West	1/2		
10	6						
11	7						
12	7					Middle part fresh breeze and	
1	7				1/2	Equally Weather	
2	7						
3	7						
4	7					Latter part fresh gales and squally	
5	7				1/2	With a heavy sea running	
6	7						
7	7						
8	7					This 24 hours ends with fresh gales	
9	6	1/2			1/2	and equally with rain.	
10	6	1/2					
11	6	1/2				No observation this day	
12	6	1/2	E 1/2 N	West		Latitude by D R 51 55.	
						Pumps well attended	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
						6 1/2			

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	11 hour day of Saturday 25.11.18
1	1		E 1/2 N	N.W.	1/2	First part of this 24 hours	
2	4					commenced with fresh gales	
3	4					and Equally Weather with a	
4	1					heavy sea running	
5	1		East	SW	1/2		
6	1						
7	4						
8	4						
9	4				1/2		
10	1						
11	4						
12	4					Middle part fresh gales and	
1	3				1/2	Equally Weather with variable	
2	3					Winds	
3	3				Offshore	and rain	
4	3					former off shore weather	
5	3				1/2		
6	3					Latter part fresh gales and	
7	3					passing clouds	
8	3		E. S. E.	N.W.		At 7 AM shifted the fore sail	
9	3				1/2	and close reefed fore top sail	
10	3		E. S. E.	N. N. E.		This 24 hours ends with fresh	
11	3					gales and passing clouds with a	
12	3					heavy sea running	
						Latitude by observation 58 1/2.	
						Pumps well attended	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob
						6 1/2			

Journal from

towards

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS
			6.50	W to	1/2	on board day of Thursday 18 63
1	5					First part of this 24 hours
2	5					commenced with fresh gales and
3	5					passing clouds with squally
4	5					at 1 PM. moderate fresh gale
5	5				1/2	at 4 PM. more moderate fresh gale
6	5					off fore topsail and set the main
7	5					ail
8	5					
9	5			South	1/2	Sat Dec 4 commences with light on
10	5					
11	5					
12	5					
1	5			SW	1/2	middle part more moderate and
2	5					calm
3	5					
4	5					
5	5			West	1/2	Latter part moderate gales and
6	5					passing clouds with variable wind
7	5					at 7 AM saw a steamer to Eastward
8	5			WSW		standing to the NW ward
9	5				1/2	this 24 hours ends with fine
10	5					gales and passing clouds
11	5					Latitude by observation 38 31
12	5					Barometer 30.0

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
						2 N			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
			6.50	W S W	1/2	on board day of Thursday 18 63
1	5					First part of this 24 hours
2	5					commenced with fine gales and
3	5					passing clouds
4	5					
5	5				1/2	
6	5					
7	6					
8	6					
9	6				1/2	
10	6					
11	6					
12	6					middle part fresh gales and
1	6			West	1/2	Squally Weather
2	6					
3	6					
4	6					
5	6				1/2	Latter part fresh gales and
6	6					Variable winds with squally
7	6					Weather
8	5		16	SW		
9	5		36		1/2	this 24 hours ends with fresh
10	5		56 1/2			breeze and variable winds
11	5					
12	5					Latitude by observation 38 43.

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						2.10			

Journal from

towards

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Tuesday Nov. 21 1866
1	8		10.50	SW	1/4	First part of Thise 24 Hours
2	8					commenced with fresh gales and
3	8					Equally Weather.
4	8					At 1 PM used the Land of St. John.
5	8				1/4	Passing by the compass E by S distant
6	8					20 miles
7	8					At 6 PM by L.A. bore North distant
8	7					25 miles
9	7				1/4	
10	9					
11	9					Whistler part fresh gales and
12	9		8836	SW	1/4	passing clouds with rain Equally
1	9					
2	9					
3	9					
4	9					
5	9		6.56	SW	1/4	Later part fresh gales and
6	9					Equally with rain and variable
7	9					Winds with a heavy sea running
8	9					
9	9				1/4	Thise 24 Hours ends with fresh
10	9					gales and passing clouds
11	9					At 11 AM saw a Kinnikinnick
12	9					Latitude by observation
	9			WSW		Bumps with attend.

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS on board day of Wednesday Nov. 22 1866
1	5		10.50	SW	1/4	First part of Thise 24 Hours
2	5					commenced with fresh gales and
3	5		SW			equal Equally at 1 PM
4	5					The main topsail
5	5		East		1/4	At 120 used the west side part of
6	5					Stamiriguel is land bearing
7	5					W by E distant 9 miles
8	5					At 4 PM bore the main top
9	5		8.56	SW	1/4	Sail and sets at double speed
10	5					
11	5					Whistler part fresh gales and
12	5					Equally with a heavy sea running
1	5		6.50	SW	1/4	with variable winds
2	5					
3	5					
4	5					
5	5				1/4	Later part fresh gales and
6	5					Equally with rain
7	5					
8	5					
9	5				1/4	At 8 AM more moderate rain
10	5					Thise 24 Hours ends with rain
11	5					Freezes and a heavy sea running
12	5		8.56	SW		Latitude by observation
	5					Bumps with attend.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS
						on board day of Thursday June 23 1865
1	1		ESE	West	$\frac{1}{2}$	First part of this 24 hours
2	1					conspicuous with fresh gales and
3	1					Squally weather
4	1					at 4 P.M. set the fore and main
5	1			Wid W	$\frac{1}{2}$	top sail close reefed
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					Middle part fresh gales and
1	1			W	$\frac{1}{2}$	Squally with a heavy sea
2	1					running
3	1					
4	1					
5	1				$\frac{1}{2}$	Latter part fresh gales and
6	1					Squally
7	1					
8	1					
9	1					this 24 hours with fresh
10	1					gales and squally with a heavy
11	1					sea running
12	1		ESE	W		Latitude by observation 37 50
						Barometer well attended

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

2 1/2

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						on board day of Friday June 24 1865
1	5		ESE	W at 16	$\frac{1}{2}$	First part of this 24 hours
2	5					conspicuous with fresh gales and
3	5					Squally with rain
4	5					
5	6				$\frac{1}{2}$	
6	6					at 6 P.M. more moderate set the
7	7					main top sail
8	8					
9	8				$\frac{1}{2}$	
10	8					
11	8					
12	8		ESE	W		Middle part heavy rain and
1	8				$\frac{1}{2}$	Squally set the main top sail close
2	8					reefed hauled fore top sail and
3	8					fore sail have the ship to on
4	8					the star board tack on board
5	8				$\frac{1}{2}$	at 1 P.M. fresh wind the main
6	8					top sail the gale increasing and
7	8				$\frac{1}{2}$	a heavy sea running in which the
8	8					Vessel labors were heavy and
9	8					found the cargo shifting in the
10	8					Vessel hold
11	8				$\frac{1}{2}$	Latitude by observation this day
12	8					Latitude by S. R. 37 47.
						Barometer well attended

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

2 1/2

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						2 1/2 N			

Journal from *Port Antonio* towards *St. John's*
Barbados *Windsor* *to* *St. John's* *Monday* *28* *1865*

H.	K.	F.	COURSES	WINDS.	LEEWAY.	REMARKS
1	5		6 1/2 S	W	1/2	First part of These 24 Hours
2	5					commences with fresh breezes and
3	5					passing clouds
4	5				1/2	
5	5					
6	5					
7	5					
8	5			W 1/2 W	1/2	
9	5					
10	5					
11	5					
12	5			W 1/2 S	1/2	Middle part fresh breezes and
1	5					equally from the W wind
2	5					
3	5					
4	5			W 1/2 S	1/2	
5	5		8 1/2 S			Latter part fresh breezes and
6	5					equally with variable winds
7	6					At 9 AM saw a small boat
8	6				1/2	standing to the E & E wind
9	6					These 24 Hours ends with fresh
10	6			W 1/2 S		breezes and equally with variable
11	6					Latitude by observation 36 34.
12	6					Barometer well attached

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						2 1/2			
1	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	on board	day of	Monday 28 1865
1	5		6 1/2 S	W	1/2	First part of These 24 Hours			
2	5					commences with fresh breezes and			
3	5					passing clouds with variable winds			
4	5				1/2				
5	5		11 1/2 S						
6	5								
7	5								
8	5								
9	5								
10	5								
11	5								
12	5			W 1/2 S		Middle part fresh breezes and			
1	5					passing clouds			
2	5								
3	5								
4	5								
5	5				1/2	Latter part fresh breezes and			
6	5					passing clouds with variable winds			
7	5					At 7 AM used the Land of Cape			
8	5					spotted bearing S E by E distant			
9	5				1/2	40 miles			
10	5			W 1/2 S		These 24 Hours ends with fresh breezes			
11	5					and passing clouds			
12	5					Latitude by observation 35 55.			
						Barometer well attached			

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 N			

Journal from Port of ... towards ...

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of ... 18...
1	4		E by S	S W	1/2	First part of this ...
2	4					commenced with fine ...
3	4					cloud passing clouds
4	4		East	West		
5	4				1/2	At 5 PM Gibraltar Light
6	4		E by N			at 10 1/2 distant 10 mi
7	4					and Tangier light bore ...
8	4					...
9	4				1/2	
10	4					
11	4					middle part fine breeze
12	4				1/2	passing clouds
1	4					
2	4					
3	4					
4	4					
5	4				1/2	Latter part moderate breeze
6	4					and passing clouds
7	4					
8	4					
9	3			S W	1/2	At 24 Hours ...
10	3					Breezes and variable
11	3					
12	3		E by S			...

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS on board day of ... 18...
1	4		E by S	S W	1/2	First part of this ...
2	4					commenced with light breeze
3	4					and variable winds
4	4					clouds
5	4				1/2	
6	3					
7	3					
8	3					
9	3		E by N		1/2	At 1 PM ...
10	3					
11	3					
12	3					middle part moderate breeze
1	3				1/2	and variable winds
2	3					
3	3					
4	3					At 4 AM ...
5	3				1/2	Southward
6	3					Latter part moderate breeze
7	3					and passing clouds
8	3					At 4 PM ...
9	3				1/2	Southward
10	3					At 24 Hours ...
11	3					Breezes and variable winds
12	3					...

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob

Journal from ... towards ... day of ... 18...

H	K	F	COURSES	WINDS	LEEWAY	REMARKS
1	9		by 1/2	1/2	1/2	First part of this 24 hours
2	1					commenced with moderate breezes
3	1					and variable winds
4	1					
5	1				1/2	
6			Calms	Calms		
7						
8						
9						
10						
11						
12						Middle part Calms
1	1		1/2	1/2	1/2	At 1 1/2 PM took ship to the
2	1					ward
3	1					
4			Calms	Calms		
5						Later part Calms
6						
7						
8						
9						
10						
11						
12			Calms			Latitude by observation 36 08'

Course	Distance	Diff of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff of Lon.	Lon. in.	Lon. by Ob
						2 1/2			

H	K	F	COURSES	WINDS	LEEWAY	REMARKS
1	1		by 1/2	W 1/2 W	1/2	First part of this 24 hours
2	1					commenced with moderate breezes
3	1					and variable winds
4	2					
5	2		1/2	1/2	1/2	
6	2					
7	2					
8	2					
9	2				1/2	
10	2					
11	2					
12	2					Middle part moderate breezes
1	2				1/2	and passing clouds with variable
2	2					winds
3	2					
4	3					
5	3			1/2	1/2	
6	3					
7	3					
8	3					At 7 1/2 PM saw a number of birds
9	3			1/2	1/2	flying to the Westward
10	3					this 24 hours ends with moderate
11	3					breezes and generally pleasant
12	3					weather

Course	Distance	Diff of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff of Lon.	Lon. in.	Lon. by Ob
					1 1/2				

Journal from *San Francisco* towards *San Francisco*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1	7		East	West	1/2	First part of this 24 hours		
2	7		E 1/2 E			commences with fresh breeze		
3	7					clouds passing		
4	7							
5	7							
6	7							
7	7							
8	7							
9	7							
10	7							
11	7							
12	7							
1	7				1/2	Second part of this 24 hours		
2	7					commences with fresh breeze		
3	7					clouds passing		
4	7							
5	7				1/2	Third part of this 24 hours		
6	7					commences with fresh breeze		
7	7					clouds passing		
8	7							
9	7				1/2	Fourth part of this 24 hours		
10	7					commences with fresh breeze		
11	7					clouds passing		
12	7					Latitude by observation 31 57.		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 E			

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	day of	18
1	6		E 1/2 S	N 1/2 E	1/2	First part of this 24 hours		
2	6					commences with fresh breeze		
3	6					clouds passing		
4	6							
5	6				1/2			
6	6							
7	6							
8	6							
9	7				1/2			
10	7							
11	7							
12	7					Whistle part fresh breeze		
1	7				1/2	passing clouds		
2	7							
3	7							
4	7							
5	7				1/2	Second part of this 24 hours		
6	7					commences with fresh breeze		
7	7					clouds passing		
8	7							
9	7				1/2	Third part of this 24 hours		
10	7					commences with fresh breeze		
11	7					clouds passing		
12	7					Latitude by observation 31 57.		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 E			

from *the ...* towards *the ...*

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS
1						First part of ...
2						... with fresh breeze
3						and passing clouds with variable winds
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						First part of ...
2						... with fresh breeze
3						and clear
4						at 4 PM ...
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		<i>SE 1/2 E</i>	<i>W 1/2 S</i>	<i>1/2</i>	<i>First part of this 24</i>
2	7					<i>course was with fine</i>
3	7					<i>clear</i>
4	7					
5	7		<i>SE 1/2 E</i>			
6	7					
7	7					
8	7					<i>At 8 PM Bentallure in sight</i>
9	6		<i>SE</i>	<i>W 1/2 S</i>	<i>1/2</i>	<i>about 11 distant 4 miles</i>
10	6					
11	6					<i>Whidde part fresh breeze</i>
12	6					<i>Equally Weather</i>
1	6					
2	6					
3	6					
4	6					<i> Latter part more</i>
5	6					<i>used sail</i>
6	6		<i>SE 1/2 E</i>			<i>At 9.30 AM with the</i>
7	6					<i>land of 9 miles</i>
8	6					<i>by the compass E by S distant</i>
9	6				<i>1/2</i>	<i>30 miles</i>
10	6					<i>At 9 PM Bentallure in sight</i>
11	6					<i>Latitude by observation 36 04</i>
12	6			<i>North</i>		<i>Breeze well settled</i>

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						<i>1 1/2 E</i>			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1			<i>E 1/2 S</i>	<i>W 1/2 S</i>	<i>1/2</i>	<i>First part of this 24</i>
2			<i>SE</i>			<i>course was with fine</i>
3						<i>clear</i>
4			<i>SE</i>		<i>1/2</i>	<i>At 3 PM Land in sight</i>
5						<i>distant 6 miles</i>
6			<i>E 1/2 S</i>			<i>At 4 PM used the</i>
7						<i>At 5.30 PM the vessel</i>
8						<i>of the</i>
9					<i>1/2</i>	
10						
11						
12						
1					<i>1 1/2</i>	<i>Whidde part fresh breeze</i>
2						<i>passing clouds</i>
3			<i>W 1/2 S</i>	<i>W 1/2 S</i>		<i>At 2 AM took ship to the</i>
4						
5					<i>1 1/2</i>	<i> Latter part fresh breeze</i>
6				<i>SE</i>		<i>passing clouds</i>
7						<i>At 6 AM left the vessel of for the port at 7.30 AM</i>
8						<i>private came on board took the vessel in the</i>
9						<i>At 8 AM came to anchor under barbed wire 30 feet</i>
10						<i>raised the sails fast at 9 AM capt went on shore</i>
11						<i>At 10.30 AM the private came on board moved the vessel for</i>
12						<i>of the</i>

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
						<i>1 1/2 E</i>			

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remarks on board. This day commences with		
2						fine breeze and passing clouds		
3						at 6 AM called all hands the		
4						crew employed in the vessel		
5						shutter making slow this day		
6						with the cargo on board this day		
7						fine breeze and passing clouds		
8						at 1 PM called all hands		
9						and day commences		
10								
11						Remarks on board. This day commences with		
12						fine breeze and passing clouds		
1						at 6:30 AM called all hands the		
2						crew employed in the vessel		
3						up the decks and made slow		
4						this day on board this with fine		
5						breeze and passing clouds		
6						at 11 AM called all hands		
7						and day commences with		
8						fine breeze and passing clouds		
9						at 1 PM called all hands		
10						the crew employed in the vessel		
11						shutter at 11 AM. Log book to crew		
12						said to be the vessel up to the vessel		

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remarks on board. This day commences with fine		
2						breeze and passing clouds		
3						at 4 AM called all hands		
4						crew employed in the vessel		
5						up the decks and made slow		
6						this day on board this with fine		
7						breeze and passing clouds		
8								
9						Remarks on board. This day commences with fine		
10						breeze and passing clouds at 6:30		
11						AM called all hands the crew employed		
12						in the deck for cargo 13 1/2 Tons		
1						at 3 PM called all hands		
2						and day commences with		
3								
4						Remarks on board. This day commences with fine		
5						breeze and clouds at 6:30 AM called		
6						all hands the crew employed		
7						in the deck for cargo 15 1/2 Tons		
8						at 3 PM called all hands		
9						and day commences with		
10						fine breeze and clouds		
11								
12								

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board			This day commences		
2			Friday Oct 15 1865			Brooks and passing		
3						in the land for cargo at 9:30 AM		
4						vine including the vessel the		
5						crew employed in getting the		
6						hides for barrels and ends		
7						squarely		
8								
9								
10			Remarks on board			This day commences with		
11			Saturday Oct 16 1865			Weather at 6:30 AM commences		
12						take in barrels at 4 PM		
1						in getting ready for		
2						the day being		
3								
4			Remarks on board			This day commences with		
5			Sunday Oct 17 1865			and rising weather at 8 AM		
6						crew employed in getting		
7						anchors of a boat and 8		
8						chase was more than this day		
9						this with fresh gales and		
10						Weather wind ENE		
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	day of	18
1			Remarks on board			This day commences with		
2			Monday Oct 18 1865			the vessels dottle and		
3						to sea this day heavy		
4						ENE		
5								
6								
7								
8								
9			Remarks on board			This day commences with		
10			Tuesday Oct 19 1865			Brooks and being		
11						Laurel this day no chance		
12						to go to sea. no ends		
1						variable winds and rising		
2								
3			Remarks on board			This day commences with		
4			Wednesday Oct 20 1865			Brooks and passing		
5						at 6:30 AM called all hands		
6						to take care on board at 10 AM		
7						Log-house was being		
8						to vessel to sea at 11 AM		
9						hides went on shore so		
10						this with 12 hours sea log		
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from *Walter* towards *Guiana*

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS
1	'			East	$\frac{1}{2}$	on board day of Thursday Oct 21 1863
2	'					
3	'					
4	'					
5	'					At 4 P.M. used the head of
6	'					shingle
7	'					At 6 P.M. took ship to the
8	'					SE ward
9	'					At 8 P.M. gave island light
10	'					some 15 or 20 miles
11	'					
12	'					
1	'					middle part fresh gales and
2	'					equally with rain and heavy
3	'					thunder
4	'					
5	'					
6	'					Latter part fresh gales and
7	'					equally with rain and heavy
8	'					thunder
9	'					These 24 hours ends with variable
10	'					wind and equally with rain
11	'					and moderate this day ends
12	'					in night

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS
1	'			East	$2\frac{1}{2}$	on board day of Friday Oct 22 1863
2	'					First part of these 24 hours
3	'					commences with fresh gales and
4	'					thunder
5	'					At 1 P.M. wore ship towards the
6	'					land
7	'					At 4 P.M. gave island light
8	'					ward
9	'					At 6 P.M. close reef for top sail
10	'					
11	'					At 10 gave light bore W & W
12	'					dist. but 15 miles
1	'					middle part fresh gales and
2	'					equally
3	'					At 12 M wore ship to the north
4	'					ward
5	'					
6	'					Latter part moderate gales
7	'					and passing clouds
8	'					
9	'					At 8 A.M. wore ship to the SE
10	'					and used sail
11	'					These 24 hours ends with fresh
12	'					breeze and passing clouds

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from *St. John's* towards *St. John's* day of *July* 18*88*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3					commenced with fresh breezes and passing clouds
2	3					at 1 PM took ship to ward
3	3					land
4	3		SE	SE	2	at 6 PM took ship of shore
5	3		SE			
6	3		SE			
7	3		SE			
8	3		SE	SE	2	
9	3		SE	SE		
10	3					
11	3					middle part fresh breezes and passing clouds
12	3				2	
1	3					
2	3					
3	3					at 3 AM in the light of
4	3					bearing SE distant 12 miles
5	3				9 1/2	with rain
6	3					at 630 AM sets the fore and main
7	3					the main sail and fore
8	3				3	at 7 AM took ship to the
9	3					in this with fresh breezes and passing clouds
10	3					land in sight
11	3					Passes well attended
12	3			East		

Course.	Distance.	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1			North	SE	2 1/2	First part of this 24 hours commenced with fresh breezes and passing clouds
2						at 8 PM took ship to
3						
4					3	
5			SE	East		
6						
7						
8						
9			SE	SE	1 1/2	at 1130 PM took ship to
10						bore with distant 10 miles
11			SE	SE		middle part moderate breezes and passing clouds
12					1 1/2	
1						
2						
3						
4			SE	North	2	at 9 AM Syracuse light bore 8 miles
5						at 10 PM took ship to
6						middle part moderate breezes and passing clouds
7						
8						
9			East	SE	2	this 24 hours ended with fresh breezes and passing clouds
10						no observation this day
11						land in sight
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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from ... towards ...

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS on board day of Thursday Oct 25 1865
1					3	
2						commenced with fresh breeze and passing clouds
3						
4						
5					3	and wore ship to the Northward
6						At 5 P.M. set the top sail stable reefed
7						
8						At 5 20 P.M. singed the sails and rig
9					4	standing to the westward
10						At 6 P.M. wore ship to the N.E. ward
11						and hauled the main sail
12						middle part fresh gales and
1					4	At 12 M. close reefed fore and main
2						
3						
4						
5					1	Latter part fresh gales and
6						heavy weather
7						
8						At 8 A.M. wore ship to the ward
9					4	land
10						Three or four hours with fresh
11						gales and passing clouds
12						Land in sight

Course	Distance	Diff of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Friday Oct 26 1865
1					3	First part of three or four hours
2						commenced with fresh gales and
3						passing clouds
4						
5					3	
6						At 6 P.M. ...
7						
8						
9					4	
10						
11						
12						middle part moderate breeze
1					4	and passing clouds
2						
3						
4						
5					4	Latter part moderate breeze
6						and passing clouds
7						
8						
9					3	
10						Three or four hours with fresh
11						gales and heavy weather
12						no observation this day Land in sight

Course	Distance	Diff of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob.
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Journal from <i>11 Dec 1865</i>				towards <i>Champion ship</i>			
<i>Bark</i>				<i>by Henry Abaster</i>			
H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	
1			<i>NW</i>	<i>NE</i>	<i>2</i>	<i>First part of these 24 hours</i>	
2						<i>commenced with fresh gales.</i>	
3						<i>and squally weather</i>	
4							
5			<i>NW</i>	<i>East</i>	<i>2</i>	<i>At 4 PM met the NW part of</i>	
6						<i>Italian bearing by the compass</i>	
7						<i>N 3 E</i>	
8						<i>At 8 PM wore ship to the SE</i>	
9			<i>SE</i>		<i>2</i>		
10							
11							
12							
1			<i>N 3 E 1/2 E</i>	<i>E 1/2 N</i>	<i>2</i>	<i>Whidder part fresh gales and</i>	
2						<i>passing clouds</i>	
3						<i>At 12 wore ship to wards the land</i>	
4						<i>At 3 AM wore ship of hours</i>	
5			<i>Sou W</i>	<i>ESE</i>	<i>2</i>	<i> Latter part fresh breezes and</i>	
6						<i>passing clouds</i>	
7						<i>At 8 AM wore ship of from</i>	
8						<i>hours</i>	
9			<i>NW</i>	<i>East</i>	<i>2</i>	<i>These 24 hours ends with</i>	
10						<i>light breezes and calm</i>	
11							
12						<i>Run well attested</i>	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
<i>Distance in days 28 Dec 1865</i>									

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						




Photo Commisario
Tommaso Robinson

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob
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Journal from *St. John's* towards *St. John's*

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	18
1						First part of three hours		
2						commences with light		
3						breezes and calm		
4								
5						At 5 P M fine breeze from		
6						the E. N. E. The vessel comm		
7						encing up in the straits of		
8						Gloucester		
9								
10								
11								
12								
1						at 12 M vessel light bar		
2						at 1/2 W distant 14 mi		
3								
4								
5						At 1 P M fine breeze		
6								
7						At 1 P M fine breeze		
8						At 1 P M fine breeze		
9						At 1 P M fine breeze		
10						At 1 P M fine breeze		
11						At 1 P M fine breeze		
12						At 1 P M fine breeze		

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N. N. W.	10 mi	1/2°	1/2 mi	44° 45'	44° 45'	0°	10'	44° 45'	44° 45'

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	18
1						At 1 P M fine breeze		
2						At 1 P M fine breeze		
3						At 1 P M fine breeze		
4						At 1 P M fine breeze		
5						At 1 P M fine breeze		
6						At 1 P M fine breeze		
7						At 1 P M fine breeze		
8						At 1 P M fine breeze		
9						At 1 P M fine breeze		
10						At 1 P M fine breeze		
11						At 1 P M fine breeze		
12						At 1 P M fine breeze		
1						At 1 P M fine breeze		
2						At 1 P M fine breeze		
3						At 1 P M fine breeze		
4						At 1 P M fine breeze		
5						At 1 P M fine breeze		
6						At 1 P M fine breeze		
7						At 1 P M fine breeze		
8						At 1 P M fine breeze		
9						At 1 P M fine breeze		
10						At 1 P M fine breeze		
11						At 1 P M fine breeze		
12						At 1 P M fine breeze		

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N. N. W.	10 mi	1/2°	1/2 mi	44° 45'	44° 45'	0°	10'	44° 45'	44° 45'

Journal from Messina to ... towards ...

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board			This day commences with fresh		
2			Monday Jan 1 st 1866			Breezes and passing clouds in the		
3						evening this day on board this with		
4						fresh breezes and		
5			Remarks on board			This day commences with fine		
6			Tuesday Jan 2 nd 1866			Breezes and clear at 6 AM		
7						all hands the crew employed		
8						in the Vessel's duties the repairing		
9						sails on board this day		
10								
11			Remarks on board			This day commences with fine		
12			Wednesday Jan 3 rd 1866			Breezes and passing clouds in the		
1						called all hands the crew employed		
2						in the Vessel's duties the repairing		
3						ship and repairing sails on board		
4						this day fine weather		
5								
6			Remarks on board			This day commences with fine		
7			Thursday Jan 4 th 1866			Breezes and clear at 6 AM		
8						called all hands the crew employed		
9						in the Vessel's duties at 4 PM		
10						commenced to receive cargo on board		
11						this day		
12								

Course.	Distance.	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board			This day commences with fine		
2			Friday Jan 5 th 1866			Breezes and clear at 6 AM		
3						called all hands the crew employed		
4						in the Vessel's duties the repairing		
5						ship and repairing sails on board		
6						this day fine weather		
7			Remarks on board			This day commences with fine		
8			Saturday Jan 6 th 1866			Breezes and passing clouds in the		
9						AM called all hands the crew		
10						employed in repairing sails on		
11						board this day fine weather		
12								
1			Remarks on board			This day commences with fine		
2			Sunday Jan 7 th 1866			Breezes and passing clouds in the		
3						AM called all hands the crew		
4						employed in repairing sails on		
5						board this day fine weather		
6						equally weather and sea		
7						at that day one man in		
8						the day on board with		
9						fresh breezes and		
10						this day with cargo the crew		
11						in repairing sails on board		
12						this day		

Course.	Distance.	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remarks are heard This day commences with		
2						Monday January 9 th 1868 fresh gales and squally weather		
3						at 6 1/2 AM called all hands the crew		
4						employed in the vessel's duties		
5						at 12 noon the day fresh gales		
6						and squally weather		
7								
8						Remarks are heard This day commences with fresh		
9						weather day January 10 th at 6 AM called all hands		
10						the crew employed in the vessel's duties		
11						at 12 noon the day fresh gales and squally weather		
12						ends this with fresh gales and squally weather		
1								
2								
3						Remarks are heard This day commences with		
4						Monday January 11 th fresh gales and squally at		
5						6 1/2 AM called all hands the crew		
6						employed in the vessel's duties		
7						at 12 noon the day fresh gales and squally weather		
8						ends this with fresh gales and squally weather		
9								
10						Remarks are heard This day commences with		
11						Monday January 12 th breeze and rising weather the		
12						crew employed in the vessel's duties		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remarks are heard This day commences with		
2						Tuesday January 13 th 1868 moderate breeze and passing		
3						clouds at 6 1/2 AM called all hands the crew		
4						employed in the vessel's duties at 12 noon the day		
5						fresh gales and squally weather		
6						ends this with fresh gales and squally weather		
7								
8								
9								
10						Remarks are heard This day commences with fine		
11						Monday January 14 th breeze and clear at 6 1/2 AM		
12						commences to receive cargo to receive cargo		
1						ends this day fine weather		
2								
3						Remarks are heard This day commences with fine		
4						Monday January 15 th breeze and passing clouds at 6 1/2 AM		
5						called all hands at 9 AM commences to		
6						receive cargo so ends this day fine		
7						weather with passing clouds		
8								
9								
10								
11								
12								

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from

towards

11	6	12	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board					
2			Thursday June 16 th 1866			Breezes and passing clouds at 6 AM		
3						called all hands at 8 AM commenced		
4						to receive cargo at 10 AM all the		
5						cargo on board at 3 PM the pilot		
6						came on board hove the ship off		
7						from the reef in a southerly		
8						and set the sails on a S by E		
9						and used fasts. The crew engaged		
10						in getting ready for sea on		
11						this day moderate breezes and		
12						clear one man and a boy		
1			Remarks on board					
2			Wednesday June 17 th 1866			This day commences with		
3						Breezy and clear at 8 AM the pilot		
4						came on board called all hands		
5						hove up the anchor and sailed		
6						at 11 AM the pilot went on		
7						board of ship for the pilot		
8						this with 12 hours steaming		
9						begins		
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
11	6	12	COURSES.	WINDS	LEEWAY	REMARKS	day of	18	
1	3		North	W S W	1/2	at noon Cape Horn			
2	3					borne South distant 6 miles			
3	3					from which I determined			
4	3		N W	West		departure			
5	3				1				
6	3		N W by N	W S W		at 5 PM squally			
7	3					top galleons set			
8	3					at 6 PM hauled			
9	3		N E	North	1 1/2	sails and double			
10	3		N E	N E		and in air to 6 sails			
11	3		N by W			at 10 PM hauled ship to			
12	3					double part fresh			
1	2				2	Squally weather			
2	2								
3	2								
4	2		N W	North		at 4 AM Stromboli in			
5	2				2	N W distant 6 miles			
6	2					Letter part fresh			
7	2					clear			
8	2								
9	2		N by N		2	Whise 24 hours ends with			
10	2					gales and clear			
11	2								
12	2		North			Sailed in ship			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						11°			

Journal from Quince Bay, towards the south
of the island of St. John

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS on board day of Friday	18
1	1		N by E	N by W	1/2	First part of this day the wind	
2	1					remained with fresh breeze	
3	1					and moderate sea	
4	1						
5	1						
6	1						
7	1						
8	1						
9	1						
10	1					At 10 PM the island bore	
11	1					south distant 6 miles	
12	1					and the port moderate breeze	
1	1						
2	1						
3	1						
4	1						
5	1				1/2	Second part moderate breeze	
6	1					and clear	
7	1						
8	1						
9	1					Third day hours ended with	
10	1					moderate breeze	
11	1						
12	1		N by E	North		Latitude by observation 38° 53'	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Saturday	18
1	1		N by E	North	1/2	First part of this day hours	
2	1					ended with moderate breeze	
3	1					and clear	
4	1						
5	1				1/2		
6	1						
7	1						
8	1						
9	1						
10	1						
11	1						
12	1			East		Second part moderate breeze	
1	1						
2	1						
3	1						
4	1						
5	1			SE	1/2	Third part moderate breeze	
6	1						
7	1			South		At 7 AM saw a number of Whales	
8	1					standing in the Westward	
9	1				1/2	Third day hours ended with	
10	1					moderate breeze	
11	1						
12	1					Latitude by observation 38° 38'	

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Messina Sicily towards Genoa Italy
Bark Stacramento J. B. Hanning Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of January 1886
1	5		West	SSE		First part of this 24 hours
2	5					commenced with fresh breezes and
3	5					variable winds with passing clouds
4	5					
5	5				1/2	
6	5					
7	6					
8	6					
9	6			SE	1/2	
10	6					
11	6					
12	6					middle part fresh breezes and
1	6		W by N	ESE	1/2	passing clouds with variable winds
2	6					
3	6					
4	6					
5	6				1/2	Latter part moderate breezes and
6	6					variable winds with passing clouds
7	6					
8	6					
9	5			SE	1/2	This 24 hours ends with moderate
10	5					breezes and passing clouds
11	5					
12	5					latitude by observation 39 58

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of January 1886
1	1		W by N	SE	1/2	First part of this 24 hours
2	1					commenced with the same
3	1					and passing clouds and variable
4	3					winds
5	3					
6	3					
7	3					
8	3			SE		
9	3				1/2	
10	3					
11	3					
12	3					middle part moderate breezes and
1	3				1/2	and variable winds
2	2					
3	2					
4	2					
5	2				1/2	Latter part moderate breezes and
6	2					passing clouds
7	2					
8	2					
9	2			NNE	1/2	This 24 hours ends with moderate
10	2					breezes and passing clouds with
11	2					latitude by observation 39 58
12	2		W by N			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from *Missouri* *Friday* towards *the* *gulf* *of* *Mexico* *by* *H. H. Huxley* *Master*

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS	on board	day of	18
1	1				1/2	First part of this 24 hours		Friday	Jan 2
2	1								
3	1					and variable winds with passing			
4	1					clouds and rain			
5	1								
6	1								
7	1								
8	1								
9	1								
10	1								
11	1								
12	1					middle part of this 24 hours			
1	1				1/2	Breezes and passing clouds.			
2	1								
3	1								
4	1								
5	1								
6	1								
7	1								
8	1								
9	1				1/2	This 24 hours ends with fresh			
10	1					Breezes and passing clouds.			
11	1								
12	1					Latitude by observation 37 56.			

Course.	Distance.	Diff of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob
H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	on board	day of	18
1	1				1/2	First part of this 24 hours		Friday	Jan 2
2	1					commenced with fresh breezes			
3	1					and passing clouds.			
4	1								
5	1				1/2	North wind			
6	1					At 4 PM hauled all the light			
7	1					sails			
8	1								
9	1								
10	1					At 10 30 PM wind hauled back			
11	1					to the N.W.			
12	1					middle part fresh gales			
1	1				1	and 1/2 gale by into the N.			
2	1					and 1/2 gale by into the N.			
3	1					reefed and hauled fore and			
4	1					mainmast and mainmast			
5	1				1	boom and mainmast and			
6	1					the sails			
7	1					At 6 AM ship a sea full of			
8	1					clouds and sun in the N.W.			
9	1				1	This 24 hours ends with fresh			
10	1					gales and 1/2 gale by into the			
11	1								
12	1					Latitude by observation 37 56.			

Course	Distance.	Diff of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob.
						1/2			

Journal from Messina Sicily towards Cape Verde City
 Bark "Hermann" 17 3 4 12 12 by Charles

H	K	C	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of 1866
1	1		West	East	1/2	First part of this 24 hours commenced with fresh gale and squally weather
2	1					
3	1					
4	1					
5	1				1/2	
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					
1	2			East	1/2	Middle part of this 24 hours
2	2			East		
3	2					
4	2					
5	2			East	1/2	Latter part fresh breeze and passing clouds with variable
6	2					
7	2					
8	2					
9	2				1/2	These 24 hours ends with fresh breeze and passing clouds
10	2					
11	2					
12	2					

Latitude by observation 31 55
 Run as water started

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						100			

H	K	C	COURSES.	WINDS	LEEWAY	REMARKS on board day of 1866
1	1		West	East	1/2	First part of this 24 hours commenced with fresh gale and
2	7					
3	7					
4	7					
5	7				1/2	
6	8					
7	8					
8	9					
9	9				1/2	
10	10					
11	10					
12	10					
1	10				1/2	Middle part fresh gale and passing clouds
2	10					
3	10					
4	10					
5	10				1/2	Latter part fresh gale and variable winds with passing clouds
6	10					
7	10					
8	10					
9	10				1/2	At 9 AM Cape Verde here about distant 20 miles
10	11					
11	11					
12	11					

Latitude by observation 36 8

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						100			

Journal from ... towards ...
... ..

H	K	F	COURSES	WINDS	LEEWAY	REMARKS	day of	18
1	1		4 1/2	East	1/2	First part of this 24 hours		
2	1					commenced with fresh breezes		
3	1					and clear		
4	1							
5	1							
6	1							
7	1							
8	1							
9	1				1/2			
10	1							
11	1							
12	1					middle part fresh breezes		
1	1				1/2	passing clouds		
2	1			E.S.E				
3	1							
4	1							
5	1					Lat. 35 48		
6	1					passing clouds		
7	1			East		At 5 AM Ischia taken as European		
8	1					Light here at distance 2 miles		
9	1				1/2	At 9 30 AM Cape of the ...		
10	1					about distance 8 miles from		
11	1					which I take my departure		
12	1			E.S.E		Latitude by observation 35 48.		
						Remarks well attended		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1	1		4 1/2	East	1/2	First part of this 24 hours		
2	1					commenced with fresh breezes		
3	1					and clear		
4	1							
5	1				1/2	At 5 PM ...		
6	1					standing to the ...		
7	1							
8	1							
9	1				1/2			
10	1							
11	1							
12	1					middle part fresh breezes		
1	1							
2	1							
3	1							
4	1							
5	1			E.S.E	1/2	Latitude 35 48		
6	1					passing clouds		
7	1							
8	1							
9	1					At 24 hours ...		
10	1					Breezes and clear		
11	1							
12	1			E.S.E		Latitude by observation 35 48.		

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from 11:00 AM sailing towards New York City
 Bark Hulsamer to J. B. Hensley Boston

H	R	COURSES.	WINDS.	LEEWAY.	REMARKS	At board day of	18
1	5						
2	5						
3	5	W 3/4 N			First part of time at anchor		
4	5				circumstances with moderate		
5	5			1/2	and variable winds		
6	5						
7	5						
8	4						
9	4			1/2			
10	4						
11	4						
12	4				middle part moderate		
1	4			1/2	and variable winds		
2	4				clouds		
3	4						
4	4						
5	4		E S E	1/2	Latter part moderate		
6	4				and passing clouds		
7	4						
8	4						
9	4		S E	1/2	Wise 24 hours ends with		
10	4						
11	4				last observation this day		
12	4	W 3/4 N	S E 3/4 S		Latitude by D R 34 31.		
					Barometer well attached		

Course	Distance	Diff of Lat	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob
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H	R	COURSES.	WINDS	LEEWAY	REMARKS	At board day of	18
1	4	W 3/4 N	S E	1/2	First part of time at anchor		
2	4				circumstances with fresh breeze		
3	4				and passing clouds		
4	4				Winds and a heavy sea running		
5	4		N E	1/2			
6	4						
7	4						
8	4			1/2	At 8 PM fresh gale		
9	4				The light sails were taken		
10	4				reefed fore and main		
11	4						
12	4				middle part fresh gale		
1	4	to up W S W		3/4	Equally heavy the sails		
2	4	W 3/4 N			under close reefed main		
3	4				to haul and fore top		
4	4						
5	4			5/8	Latter part fresh gale		
6	4				Equally with a heavy sea running		
7	4						
8	4						
9	4			5/8	Wise 24 hours ends with		
10	4				fresh and equally		
11	4						
12	4				Latitude by D R 34 31.		

Course	Distance	Diff of Lat	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob
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Journal from ... towards ...

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of	18
1						First part of Thise an Hours fresh gales and squally weather with a heavy sea running	
2							
3							
4							
5							
6							
7							
8						At 8 P.M. more moderate with the fore top sail down and	
9						mid fore sail	
10							
11							
12							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						2 1/2			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of	18
1						First part of Thise an Hours	
2						commenced with moderate	
3						Breezes and variable winds	
4						a passing clouds	
5							
6							
7							
8							
9							
10							
11							
12							
1						Shoulder part moderate breezes	
2						and variable winds with	
3						passing clouds	
4							
5						As the wind	
6						Later part - calm	
7							
8							
9						Thise an Hours ends with calm	
10							
11							
12							

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						2 1/2			

[illegible]

Journal from *Pacific* towards *New York City*
Barth Harriman into J. B. Kussay charts

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS on board day of	18 86
1	1				$\frac{1}{2}$	First part of this 24 hours	
2	2					commenced with fresh breezes	
3	3					and squally weather with	
4	4					fresh winds	
5	5						
6	6						
7	7						
8	8						
9	9				$\frac{1}{2}$		
10	10						
11	11						
12	12						
1	1				$\frac{1}{2}$	passing clouds with variable	
2	2						
3	3						
4	4						
5	5				$\frac{1}{2}$	Latter part fresh breezes and	
6	6			East		passing clouds	
7	7						
8	8						
9	9				$\frac{1}{2}$	This 24 hours I saw no	
10	10					breezes and variable winds	
11	11					no observation this day	
12	12					Latitude by S R 33 33.	
						Barometer well attended	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of	18 86
1	1					First part of this 24 hours	
2	2					commenced with fresh gales	
3	3					passing clouds and variable	
4	4						
5	5						
6	6						
7	7						
8	8						
9	9						
10	10						
11	11						
12	12					middle part fresh gales	
1	1					and passing clouds	
2	2						
3	3						
4	4						
5	5					Latter part fresh breezes	
6	6					and passing clouds with	
7	7					variable winds	
8	8						
9	9					This 24 hours ended with	
10	10					fresh breezes and passing	
11	11					clouds.	
12	12					Latitude by S R 33 24.	

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Chicago towards New York City

Course	Distance.	Diff of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob
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Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Messina Sicily towards ...

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1	2							
2	2							
3	2							
4	2					passing clouds with a heavy sea running from the NWward.		
5	2				1/4			
6	2							
7	2							
8	2							
9	2				1/4			
10	2							
11	2							
12	2					middle part variable		
1	2		West	SW	1/4	and passing clouds		
2	2							
3	2							
4	2							
5	2		W by N	W by N	1/4	Latter moderate breeze and passing clouds with		
6	2					Winds		
7	2							
8	2							
9	2		WSW	SW	1/4	Rise in hours ends with		
10	2					breezes and passing clouds		
11	2							
12	2					Latitudes by chronometer 31 29.		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						2 1/2			

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	on board	day of	18
1	2								
2	2								
3	2								
4	2								
5	2				1/4				
6	2								
7	2								
8	2								
9	2								
10	2								
11	2								
12	2					middle part moderate breeze and calm with passing clouds			
1	2				1/4				
2	2								
3	2								
4	2								
5	2				1/4	Latter fresh breezes and clouds with variable winds			
6	2								
7	2								
8	2								
9	2				1/4	Rise in hours ends with			
10	2					breezes and passing clouds			
11	2					Latitudes by chronometer 31 30.			
12	2								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
						2 1/2			

Journal from ... towards ...
... to ...

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS on board day of ...
1	3			West	2	First part of ...
2	3					... with ...
3	3					... clouds
4	3					
5	1				2	At 5 PM ...
6	2			W 3/4 S		... with ...
7	2					... and ...
8	2					At 4 PM the ...
9	2					
10	3				5	... under ...
11	3					... sail and ...
12	3					... part fresh heavy gales
1					5	and squally with a heavy
2						sea running
3						
4						
5					5	... part fresh heavy gales
6						and squally with a heavy
7						sea running
8						
9					5	... hours ...
10						... and heavy ...
11						... observation 33 40
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	on board	day of	18 56
1	3				5	First part fresh heavy gales			
2	3					and squally weather with a			
3	3					heavy sea running in which			
4	3					the vessel's masts were heavy			
5	3				5	and ships quantity of water			
6	3					on decks			
7	3					At 430 P M part of the main top			
8	3					gables broken.			
9	3					the vessel's masts were heavy			
10	3					ward			
11	3								
12	3					Second part fresh gales and			
1	3					squally weather the ship			
2	3					going to under lee close up			
3	3					the main top sail and under			
4	3					the sail and for to be seen			
5	3					At 430 part fresh gales and heavy			
6	3					weather with rain squally			
7	3					At 430 A M ship a sea storm in			
8	3					the vessel's masts were heavy			
9	3					ward			
10	3					gales and squally			
11	3					with a heavy sea			
12	3					At 430 part fresh gales and			

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from ... towards ...
 Bark Sacramento to G. B. Hussey & Coaster

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			By two up with ...		5'	First part of tide ...		
2			of ... drift ...			commenced with ...		
3			... miles per hour			... by ... with a ...		
4						... running		
5					5'	At 12 M ship a sea ...		
6						... by the ...		
7						The vessel lying to ...		
8						... with ...		
9						... in which ...		
10						of water ... in the ...		
11						on the port side ...		
12						... part fresh ...		
1					5'	And squally		
2								
3								
4								
5					5'	Latter part fresh gales ...		
6						And squally weather		
7								
8								
9					5'	These 24 hours ends with ...		
10			up with ... of west			gales and squally with ...		
11			... drift ... miles per			... running in which ...		
12			... hours			... were heavy ...		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	day of	18
1			By two up with ...		5'	First part of tide ...		
2			... drift ... miles			commenced with ...		
3			... hours			And squally weather ...		
4						And a heavy sea running		
5					5'			
6			up with ... of west					
7			... drift ... miles					
8			... hours					
9	5'		SW	SE	1/4	At 8 PM set the ...		
10	5'					sail and close ...		
11	5'					top sail and ...		
12	5'					up before the wind		
1	5'				1/4	... part fresh gales		
2	5'					And squally with rain		
3	5'			SE				
4	5'							
5	5'			SE	1/4	Latter part fresh gales and		
6	5'					squally with rain and		
7	5'					heavy sea running		
8	6					At 4 M set ...		
9	6		... East		1/4	These 24 hours ends with fresh		
10	6					gales and passing clouds		
11	6							
12	6							

Course	Distance	Diff. of Lat	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob
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Journal from the ... vicinity towards ...

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS on board day of Friday 18 1866
1	6					First part of this 24 hours
2	6					commenced with fresh gales
3	6					
4	6					at 12 m saw a vessel to the
5	1					Westward standing to the
6	1					
7	7					
8	8					
9	8					
10	1					
11	1					
12	1					middle part fresh gales and
1	1			SW 8		Equally Weather
2	1					
3	1					
4	1					
5	10					Latter part fresh gales
6	10					and passing clouds with
7	10					rain squalls
8	10					
9	11					This 24 hours ends with
10	11					fresh gales and equally
11	11					Weather
12	10					Latitude by observation

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Saturday 19 1866
1	6					First part of this 24 hours
2	6					commenced with fresh gales
3	6					and equally Weather with
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	1					middle part fresh gales
1	1					and passing clouds
2	1					
3	1					
4	1					
5	1					Latter part fresh gales and
6	1					Equally Weather
7	8					
8	8					
9	8					This 24 hours ends with fresh
10	8					gales and passing clouds
11	8					
12	8					Latitude by observation 29 2

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from the wine society towards Port York
and the ... to G. B. Halsey at ...

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	Day of	18
1	9		4/4 W	NE		First part of this 24 hours		
2	9					commenced with fresh gales and		
3	9					passing clouds		
4	9							
5	9							
6	9							
7	9							
8	9							
9	9							
10	9							
11	9							
12	9							
1	10			NE		Middle part fresh gales and		
2	10					passing clouds with heavy		
3	10					rain squalls		
4	10							
5	10							
6	10							
7	10							
8	10							
9	10							
10	10							
11	10							
12	10							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	Day of	18
1	9		4/4 W	NE		First part of this 24 hours	Monday	18 66
2	9					commenced with fresh gales		
3	9					and passing clouds with a		
4	9					heavy rain squalls		
5	9							
6	9							
7	9							
8	9							
9	9			NE				
10	9							
11	9							
12	9							
1	9			NE		Middle part fresh gales and		
2	9					passing clouds		
3	9							
4	9							
5	9			NE				
6	9							
7	9							
8	9							
9	9							
10	9							
11	9							
12	9							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1/2 E			

2002

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	9		4th 1/2	East		1st part of this 24 hours
2	9					continues with fresh gales
3	9					and passing clouds
4	9					
5	9					
6	9			E. N. E.		
7	9					
8	9					
9	9					
10						
11	9					
12	9					2nd part fresh gales
1	9					and passing clouds
2	9					
3	9					
4	9					
5	9					3rd part fresh breezes
6	9					and variable wind with
7	9		4th 1/2	East		passing clouds
8	9					
9	9					this 24 hours ends with
10	9					fresh breezes and variable
11	9					Winds
12	9			E. N. E.		by observation 2917

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from *beginning* *Monday* towards *Friday* 1866
Port Jackson to G. B. Murray

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of	1866
1	6		N. by W	E. by S		In forenoon rain at 4 hours commences with fresh breezes and passing clouds	
2	6						
3	6						
4	6						
5	6						
6	6						
7	6						
8	6						
9	6						
10	6						
11	6					Middle part fresh breezes and passing clouds with variable winds	
12	6						
1	6						
2	6						
3	6					Latter part fresh breezes and passing clouds	
4	6						
5	6						
6	6						
7	6					Thrice 24 Hours ends with rain breezes and clear	
8	6						
9	6						
10	6						
11	6					In forenoon rain at 5 hours commences with fresh breezes and passing clouds	
12	6		N. by W	E. by S			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 N			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of	1866
1	5		N. by E	N. by E		First part at Thrice 24 Hours commences with fresh breezes and passing clouds with variable winds	
2	5						
3	5						
4	5						
5	5						
6	5						
7	5						
8	5						
9	5						
10	5						
11	5					Middle part fresh breezes and equally weather	
12	5						
1	5						
2	5						
3	5					Latter part fresh breezes and passing clouds	
4	5						
5	5						
6	5						
7	5					Thrice 24 Hours ends with moderate breezes and passing clouds	
8	5						
9	5						
10	5						
11	5					In forenoon rain at 4 hours commences with fresh breezes and passing clouds	
12	5		N. by E	N. by E			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2 N			

Journal from Messina Sicily towards New York City
 Bark *Arcturion* 5 to Henry Hamilton

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS on board day of
1	1		N ^o 11	ESE		First part of Thine an Hours
2	7					commenced with fresh breeze
3	7					and passing clouds with
4	7					Variable winds.
5	7					
6	7					
7	7					
8	7			East		
9	7					
10	7					
11	7					
12	7			ESE		Middle part fresh breeze
1	7					and passing clouds
2	7					
3	7					
4	6					
5	6					Latter part fresh breeze
6	6			East		and variable winds with
7	6					rain squalls
8	6					
9	6					Thine an Hours ends with
10	6					fresh breeze and passing
11	6					clouds
12	6		N ^o 11	ESE		Latitude by observation 30 51. Pumps well & then stop

Course	Distance	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
						110			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of
1	5		N ^o 11	ESE		First part of Thine an Hours
2	5					commenced with fresh breeze
3	5					and passing clouds
4	5					
5	5					
6	5					
7	5					
8	5					
9	4					
10	4			ESE		
11	4					
12	4					Middle part fresh breeze
1	4					and variable winds with
2	4					passing clouds
3	4					
4	4					
5	4					Latter part fresh breeze
6	4			ESE		and Thine an Hours
7	4					
8	4					
9	4					Thine an Hours ends with
10	4					fresh breeze and passing
11	4					clouds
12	4		N ^o 11	ESE		Latitude by observation 31 14. Pumps well & then stop

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						110			

Journal from Messina Sicily towards New York
Barth. Hermann to S. to Messy at station

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Monday June 18 ⁶⁶
1	3		SW by W	SSE	1/2	First part of this 24 hours
2	4					commenced with fresh gales
3	4		SW by W	West		and squally weather
4	4		SW by W	SW		
5	4		SW by W		1/2	
6	4					
7	4					
8	4					
9	1		SW by W		1/2	
10	5					
11	5					
12	5					middle part fresh breezes
1	5				1/2	and passing clouds
2	5					
3	3		SW	SW		At 3 AM Wind hauled suddenly
4	2		SW by W	North		to the W by W with a fresh gale
5	2				1 1/2	and squally weather rounded
6	2			SW by E		the light sails and double reefed
7	By two up SW by W				5'	fore and main topsails
8	at which drift 1/2 miles					Latter part fresh gales and rain
9	per hour					At 6 AM have the ship to
10					5'	under close reefed main topsail
11	up SW by W of which					and mizen strains
12	drift 1/2 miles per hour					Latitude by D. R. 31 27. Barometer well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS on board day of Tuesday June 19 ⁶⁶
1	By two up SW by W				5'	First part of this 24 hours
2	at which drift 1/2					commenced with fresh gales
3	miles per hour					and squally weather with
4						a heavy sea running in with
5					5'	the vessel in a very dangerous
6						
7						
8						
9					5'	
10						
11						
12						middle part fresh gales
1					5'	and squally weather
2						
3						
4						
5					5'	Latter part fresh gales and
6						squally with rain and a
7						heavy sea running
8						
9					5'	First 24 hours ended with
10						fresh gales and squally
11	up SW by W of which					weather no observation Friday
12	drift 1/2 miles per hour					Latitude by D. R. 31 20. Barometer well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1/2			

Journal from Chesapeake Bay towards New York City
 by A. B. Harriman to J. B. Harriman

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of	1866
1			by the wind at 10		3	First part of this 24 hours	
2			by the wind at 10			commenced with fresh gales	
3			100 hours			and squally weather	
4			up at 10 and also drift			At 4 P.M. more moderate sea	
5			minutes, 100 hours		4	the fore sail reefed	
6			1 1/2				
7			1 1/2				
8			1 1/2				
9			2		4		
10			2				
11			2				
12			2			Middle part fresh gales	
1			2		4	and squally weather	
2			2				
3			2			At 2 A.M. set the fore top sail	
4			3		3 1/2	close reefed	
5			3			Latter part moderate gales	
6			3			and passing clouds	
7			3				
8			3			At 8 A.M. used sail	
9			4		5	This 24 hours ends with fresh	
10			4			breeze and passing clouds	
11			4				
12			4			Latitude by observation 31 38.	
						Breeze with other cloud	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 N			

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board day of	1866
1			W 1/2 N	North	1 1/2	First part of this 24 hours	
2						commenced with fresh breeze	
3						and passing clouds with	
4			West	SW 1/2 W		Variable winds	
5					1 1/2		
6							
7							
8			W 1/2 S	SW 1/2 S			
9					1 1/2		
10							
11							
12			W 1/2 S	West		Middle part fresh breeze	
1			SW 1/2 W		1 1/2	and passing clouds	
2						At 10 A.M. set ship to sea	
3						Northward	
4			North	SW 1/2 W			
5			W 1/2 E	SW	2	Latter part fresh gales	
6						and squally weather	
7			W 1/2 N			the light sails and double	
8						reefed fore and main top sail	
9					3	At 8 A.M. send down the fore and	
10						chain sail yards	
11			W 1/2 S	North		This 24 hours ends with squally	
12						Latitude by observation 34 09.	
						Breeze with other cloud	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2			

Journal from *St. Helena* sailing towards *St. Helena* *St. Helena*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		W 1/2 W	North	1/2	First part of 24 hours
2	3					commenced with fresh breeze
3	3					and squally weather
4	3		W 1/2 W	W 1/2 E		At 130 P.M. fresh weather
5	3				2	At 4 15 P.M. strong wind
6	3					Engles shroues standing to
7	3		W 1/2 W	North		the N.E. ward
8	3					
9	3				2	
10	3		W 1/2 W	SW W		
11	3					
12	3					Whidder part fresh breeze
1	3				2	and passing clouds with variable
2	3					Winds
3	3					
4	3					At 9 A.M. took the ropes out
5	3				2	of the topsail
6	4					Latter part fresh breeze
7	4					and variable Winds
8	4		W 1/2 W	SW		At 8 A.M. used sail
9	4		SW 1/2 E		1 1/2	At 9 A.M. took ship to the
10	4					W 1/2 W
11	4					Whidder 24 hours ends with variable wind
12	4		W 1/2 W	SW W		Latitude by observation 32 33.
						Pumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2			

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS
1	4		W 1/2 W	W 1/2 W	1	First part of 24 hours
2	4					commenced with fresh breeze
3	4					and squally weather
4	4					
5	4				1	
6	4					
7	4					At 7 P.M. squally from the N.W.
8	4					hauled the courses and
9	2		W 1/2 E	SW	2	reefed fore and main late with
10	2					
11	2					
12	2					Whidder part fresh breeze
1	2				2 1/2	Squally weather
2	2					
3	2					
4	2					
5	2					Latter part fresh breeze and
6	2		W 1/2 E	SW		passing clouds
7	4		W 1/2 W	SW		At 7 A.M. wore ship to the N.W.
8	4					set the courses and double reefed
9	4					fore and main topsail
10	4					Whidder 24 hours ends with fresh
11	4					breezes and variable Winds
12	4		W 1/2 W			Latitude by observation 33 1/2.
						Pumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2			

Journal from *San Francisco* sailing towards *New York* by *the* *Henry* *Shastan* *Master* *day of* *Thursday* 18 *66*

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS
1	4		N 1/2 E	1 1/2	1 1/2	First part of this 24 Hours commences with fresh breeze and passing clouds
2	4					
3	4					
4	1					
5	4		N 1/2 E		1 1/2	
6	3					
7	3					
8	2				1 1/2	
9	2					
10	3		N 1/2 E	N 1/2 W		
11	3					
12	4				1	Middle part fresh breeze and variable winds
1	4					
2	5					
3	5					
4	5				1 1/2	Latter part fresh breeze and passing clouds
5	5					
6	5					
7	5					
8	6					
9	6				1 1/2	This 24 Hours ends with fresh breeze and sunny weather
10	6					
11	6		N 1/2 E	N 1/2 W		Latitude by observation 33 59
12	6					Pumps with the steam

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		N 1/2 E	N 1/2 W	1 1/2	First part of this 24 Hours commences with fresh gales and squally weather with variable winds
2	5					
3	5					
4	5				1 1/2	
5	5					
6	5					At 6 P M took ship to the Westward
7	4		N 1/2 E	N 1/2 W		
8	3					At 9 P M hauled the courses
9	2				2	and set the fore and main top sail close reefed
10	2					
11	2					
12	2					Middle part fresh gales and passing clouds with a heavy sea running from the N E
1	2		N 1/2 E	N 1/2 W	3	
2	2					
3	2					
4	2				3	Latter part fresh gales and passing clouds
5	2					
6	2					
7	2					
8	2				4	
9	2					This 24 Hours ends with fresh gales and passing clouds
10	2					
11	2		N 1/2 E	N 1/2 W		Latitude by observation 34 13
12	2					Pumps with the steam

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						1 1/2			

Journal from *Spring towards New York City*
by *J. B. Henshaw* Captain

H	M	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2	N E by E		4	First part of these 24 hours
2	2	#			commenced with fresh gales and
3	2	N E			heavy weather at 1 PM were ship
4	2				in the road
5	2			4	
6	By to up N E of N by E				at 6 PM hauled the fore top
7	drift 2 miles per hour				sail and set the main & fore
8					at 8 PM gave winged the main
9				5	top sail the vessel lying to
10					on the harbor lake on board
11					
12					Middle part fresh gales and
1				5	heavy weather with a heavy
2					sea running from the North
3					ward at 3 PM hauled the
4					main & fore sail
5				5	Latter part fresh gales and
6					heavy weather
7					
8					
9				5	These 24 hours ends with fresh
10					gales and passing clouds saw
11	up N E of N by E				a several vessels running south
12	drift 2 miles per hour				Lat. by observation 34 18'
					Bumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
						2 1/2			

H	M	COURSES.	WINDS.	LEEWAY.	REMARKS
1	By to up N E of N by E				First part of these 24 hours
2	drift 2 miles per				commenced with fresh gales
3	hour				and heavy weather from N W
4					with a heavy sea running
5				5	the vessel lying to under
6					close reefed main top sail
7					
8					
9				5	
10					
11					Middle part fresh gales and
12				5	heavy weather
1					
2					
3					
4					
5				5	Latter part fresh gales and
6	up N E of N by E drift				heavy weather
7	2 miles per hour				
8					
9	2	N E by E	N by W	5	at 8 AM were made fast to the
10	2				close reefed fore top sail and
11	2				reefed fore sail
12	2				now observation this day
					Latitude by D. R. 34 20'
					Bumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
						2 1/2			

Journal from ... sailing towards ...

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	Day of	18
1	2		SSW	West	4	First part of this 24 hours commences with fresh gales and squally at 130 P.M. sets on reefed fore sail		
2	2							
3	2							
4	2							
5	2		WSW	SW	4			
6	2							
7	2							
8	2							
9			By the up WSW of		5	At 9 P.M. heavy squales hauled the fore sail		
10			SW drift 6 miles per hour					
11								
12								
1					5	Middle part fresh gales and squally weather		
2								
3								
4								
5					5	Latter part fresh gales and squally with heels		
6			up WSW of West					
7			drift 6 miles per hour					
8								
9	5		SE by E	SW		At 8 A.M. caught the ship of ...		
10	5					Barren da		
11	6					this 24 hours ends with fresh gales and squally weather		
12	6			WSW		Estimated by observation 33 26. Run for well to the west		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						4/2			

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	Day of	18
1	5		SE by E	SW	1/2	First part of this 24 hours commences with fresh gales and squally weather and heavy sea running		
2	5							
3	5							
4	5							
5	5				1/2			
6	5							
7	5							
8	5							
9	5				1/2			
10	5							
11	5							
12	5							
1	5					Middle part fresh gales and squally weather the vessel running under close reefed main topsail and reefed fore sail		
2	5							
3	4					Latter part fresh gales and squally weather		
4	4							
5	3							
6	3							
7	3		ESE	SE				
8	3							
9	4							
10	5		WSW	ESE		At 9 A.M. wind hauled suddenly to the SE. headed the vessel to the westward and with		
11	5					Estimated by observation 32 27 Run for well to the west		
12	5							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
						7/16			

Journal from ... sailing towards New York City
... to ...

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS on board	day of	18 66		
1	5		W by N	SE 6		First part of this 24 hours	Monday March 12			
2	5					commenced with fresh breezes				
3	5					and passing clouds with variable				
4	5					Winds				
5	5		W by W			At 4:30 PM boarded the schooner				
6	4					and got under way				
7	4					At 10 PM was again under way				
8	4					sailed for St. John's				
9	4		SW			Porto Rico				
10	4									
11	4									
12	4					middle part fresh breezes				
1	4					and variable winds				
2	4									
3	4									
4	4									
5	4					Latter part fresh breezes				
6	4					and passing clouds				
7	4									
8	4					At 8:30 AM sighted a ship				
9	4					standing to the NW ward				
10	4					this 24 hours ends with fine				
11	4					breezes and clear				
12	4		W by N	SE 6		Latitude by observation 33 18.				
						Barometer well attended				
Course.		Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	on board	day of	18 66	
1	3		W by N	SE	1/4	First part of this 24 hours		Tuesday	March 13	
2	3					commenced with fine breezes				
3	3					and clear				
4	3					At noon hoisted the hante and				
5	3				1/2	poke up a barrel of				
6	3					Carosene oil				
7	3									
8	3									
9	4				1/2					
10	4				.					
11	4									
12	4			SE		middle part fine breezes and				
1	4		W by N		1/2	clear with variable winds				
2	4									
3	4									
4	4									
5	4					Latter part fine breezes				
6	4					and clear				
7	4					At 1:30 PM saw a vessel to				
8	4					the NW ward standing				
9	4				1/2	to the SW ward				
10	4					this 24 hours ends with fine				
11	4					breezes and clear				
12	4		W by N	SE		Latitude by observation 34 26				
						Barometer well attended				
Course		Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
							20 p			

Journal from Messina Sicily towards the mountains of
Park Macrauseth & B. Henry Chaplin

H.	K.	F.	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		SW 3/4 N	W 6	1/2	First part of these 24 hours
2	6					commences with fresh breezes
3	6					and clear with variable winds
4	6		SW 3/4 N		1/2	
5	6					
6	5					
7	5					
8	5					
9	5		SW	SW 6	1/2	
10	5					
11	5					
12	5					Middle part fresh breezes
1	5		SW 3/4 W	W 6	1/2	and variable winds
2	5					
3	5					
4	5					
5	5		SW 3/4 W		1/2	Latter part fresh breezes
6	5					and passing clouds
7	5					
8	5					
9	5		SW 3/4 W		1/2	These 24 hours ends with
10	5					fresh breezes and passing
11	5					clouds
12	5		SW W.	SE		Latitude by observation 35° 36'. Barometer well attached

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
						$\frac{1}{2}^{\circ} 12'$			

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS on board day of <i>Wednesday</i> ^{18 06} _{19 06}
1	6		Nor th	E. N. E.	$\frac{1}{4}$	First part of this 24 hours
2	6					commenced with fresh breezes
3	6					and passing clouds with
4	6					Variable winds
5	6		N. by W.	N. E.	$\frac{1}{4}$	the Gulf Stream current in
6	6					which I allow 30 miles
7	6					
8	6					
9	6				$\frac{1}{4}$	
10	6					
11	6					
12	6					middle part fresh breezes
1	6				$\frac{1}{4}$	and variable winds with
2	6		Nor th	E. S. E.		passing clouds
3	5					
4	5					
5	5				$\frac{1}{4}$	Later part moderate breezes
6	5					and passing clouds
7	5		N. E.	East		
8	5					
9	5				$\frac{1}{4}$	This 24 hours ends with
10	5					moderate breezes and passing
11	5					clouds
12	5		N. E.			Latitude by observation 37 35.
						Barometer at 10 a.m. 30.1

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from the ship *Hessy* towards the *gulf of Mexico*
Barth *Amman* *to* *Y B* *Hessy* *March*
 H K F COURSES WINDS LEEWAY. REMARKS on board day of *Friday* *March* 18 66

1	S	South	South	1/2	First part of this 24 hours
2	S				commenced with moderate
3	S				Breezes and passing clouds
4	S				with variable winds
5	S			1/2	
6	S				
7	S				
8	S				
9	S			1/2	
10	S		SSE		
11	S				
12	S				middle part fresh breezes
1	S			1/2	and passing clouds with
2	S				heavy slow falling
3	S				
4	S				
5	S			1/2	latter part fresh breezes
6	S	NW	SSE		and foggy weather
7	S				
8	S				
9	S			1/2	this 24 hours ends with
10	S				fresh breezes and foggy weather
11	S				no observation this day
12	S	West	West		Latitude by S R 39 34.

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob Variation. Diff of Lon. Lon. in. Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of <i>Saturday</i> <i>March</i> 18 66
1	S		NW	SSE	1/2	First part of this 24 hours
2	S					commenced with fresh breezes
3	1					and rising weather with
4	4		NW	WZ		Variable winds
5	4		South	WZ	1/2	At 4 PM Barometer bore West
6	4		SW	WZ		distance 8 miles
7	4					At 6 30 PM the private came on
8	4		NW	WZ		board of the boat 17 1/2
9	3				1/2	
10	3					
11	3					
12	3					middle part fresh breezes and
1	3		SW	West	1/2	passing clouds from the W
2	3					At 2 30 AM came to anchor off
3	3					the wreck and the sails for
4						At 7 AM the day boat came long said at 2 AM the
5						day boat gave us the horse have up the anchor
6						At 7 30 AM the day boat took the haul of the bark
7						and the vessel was towed to New York at 10 AM the
8						boat came on board at 11 AM and the vessel had
9						to the east of her 20 and bore with her
10						clouds with the clouds and crew were
11						shown in clouds this with 36 hours for her day
12						beginning fresh heavy rain from the

Course Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob Variation. Diff of Lon. Lon. in. Lon. by Ob.

Journal from New York towards Port au Prince
Barbados - Volume & Season 1866

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						at 12 - from the tower boat
2						came & towed the vessel off
3						Beedger island anchorage
4						with the Port Anchor &
5						30 fathoms of chain
6						blowing hard from the
7						S.W.
8						at 8 P.M. the Pilot came
9						on board & got under weigh
10						set the fore & main topsails
11						topgall & fore topmast
12						staysail & mizen at 12
1						from the Pilot left
2						the vessel Neversink light
3						remaining N. S. W. 2 1/2
4						miles from which I
5						take my departure

Wed. April 25

the end of the Harbour - miles from which I take my departure

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		S. E.	West		these 24 hours commences
2	7					with a fresh breeze from
3	7					the Westward N. E. winds
4	7					Sail set
5	7					
6	6		By E. & E.	S. W.		
7	6					
8	6		South	West		at 4 P.M. Neversink Light
9	7					bore N. W. by N. Dist 20 miles
10	7					
11	7			N. W.		
12	7					Middle part strong breeze
1	7					from the N. wind with
2	7			North		a heavy sea from the N. W.
3	7					ward
4	7			N. W.		
5	7					crew employed getting the
6	7					vessel ready for sale
7	7		By E.			Dumps. Carefully attended to
8	7					
9	7					
10	7					
11	7					Lat. by Obs. 37 1/2
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from New York towards Port au Prince
Sack Sacramento John & Lauron Master

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS	Friday 27 day of April	1866
1	8		S by E	N by W		Commences with a fresh breeze from the N by W		
2	8					Clear & pleasant,		
3	8							
4	8							
5	8							
6	8					at 8 pm set the main top gallant sail		
7	7							
8	7					at 10 pm set the fore top gallant sail		
9	7		N by W			Moderate breeze & blow weather		
10	7							
11	7							
12	7							
1	8					Midnight fresh breeze with main & fore		
2	8					pumps carefully attended to		
3	8							
4	8							
5	8		N by W					
6	7					at 4 am wind increasing hauled the fore & main top gallant sail		
7	7		N by W			at 6 am hauled the main		
8	7					at 10 am set the main staysail		
9	7					latter part cloudy with a gale from the N by W		
10	7							
11	7							
12	7							

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

34-58

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	Saturday 28 day of April	1866
1	7		S by E	N by W		Commences with a fresh gale from the N by W & cloudy a heavy sea running the vessel shipping a good deal of water		
2	7					at 7 am set the main sail & fore & main top gallant sails wind moderating		
3	7					Middle part clear & pleasant with a moderate breeze		
4	7					at 2 am set the fore		
5	7					at 6 am set the main top gallant staysail & gaff top sail		
6	7					at 8 am bent & set the flying jib & embowed the main staysail & bent it for a main top gallant staysail		
7	7					latter part fine weather with a moderate breeze from the S & W ward		
8	7					pumps carefully attended		
9	7					one man sick with the fever & ague		
10	7		S by E	N by W				
11	7							
12	7							

West

N by W

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

30-55

Journal from New York towards Port au Prince
Sack Harbour towards Port au Prince
John C. Lawson Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Sunday 29 th day of April 1866
1	7		S by E	N by W		First point clear & pleasant with a moderate breeze from the S.W. wind
2	7					
3	7					
4	7					
5	7					At 2 P.M. wind increasing hauled the jaff topsail & flying jib
6	7					
7	7					
8	7					
9	7					At 9 P.M. hauled the fore & main topgallant sails
10	7					
11	7					
12	7					At 11.30 hauled down the main topmast stay sail Middle Mast strong breeze & cloudy
1	7		S by E	N by W		
2	7		South	W by N		
3	6					
4	6					At 2 am hauled the mainsail at 3 am Double reefed the topsails at 8 am Set the mainsail latter part strong breeze & cloudy
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
								70-19	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Monday 30 th day of April 1866
1	6		South	N by W		Commenced with a strong breeze from the N by W & cloudy at 5 P.M. set the main top, stay sail
2	6					
3	6					
4	6					
5	6					
6	6					At 6.30 P.M. more moderate let all reefs out of the topsails
7	6					
8	7					
9	7					At 11 P.M. hauled the mainsail
10	7					
11	7					
12	7					At midnight cloudy with a fresh breeze from the Westward
1	7			West		
2	7					
3	7					
4	7					At 4 A.M. set all possible sail cloudy but the wind dying away crew previously employed at ship's duty
5	7					
6	7					
7	5					
8	5					
9	4					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South	199-1	2-19	-	27-19			00-12	70-31	

Journal from New York

towards Pontau Prince

Bank Instruments John C. Lawson Master

	K	F	COURSES	WINDS	LEEWAY.	REMARKS
						Tuesday ^{day of} 1 st May 1866
1	3		NE by N	SW by W	1/2 m	Throughout these 2 1/2 hours
2	3					light baffling winds & pleasant
3	3					weather
4	3					
5	3		NE by N 1/2 N	SW by S		
6	3					At 10-A.m. sent up the
7	3		South	W by W		main royal yard
8	3					
9	3		NE	SW		
10	4					
11	4		NE 1/2 E			
12	4					Crew meetfully Employed
1	4		NE	SW by W		
2	4					
3	3					
4	3					
5	6		N 1/2 E	W by W		Pumps carefully Attended
6	6					
7	6					
8	6					
9	6		NE	SW		
10	6					Sat By Obo-25-41-
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
				25-38	25-41			69-16	

H K F		COURSES.	WINDS.	LEEWAY.	REMARKS
					Wednesday ^{day of} 2 nd May 1864
1	4	SE by E	SE by E		Light winds. and pleasant weather throughout these 24 hours
2	4				
3	4				
4	4				
5	4	WNW	WNW		
6	4				It is I am tacked ship to the Westward.
7	4				
8	4	W by N	W by N		
9	3				
10	3				
11	3				Found By the a strong current running to the Eward.
12	3	West	SW by W		
1	3				
2	6				none off New Prison top
3	4				Sail Braces
4	4				
5	4				
6	4				new Variousy Employed
7	4				
8	4				Grumpas Carefully Attended
9	4				
10	4				
11	4				Lat By the 25 to 26 N
12	4				

[illegible]

Journal from New York towards Port au Prince

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	Thursday ^{day 3} May	1866
1	4		21 By N	SW By S		Light Baffling winds		
2	4					and pleasant weather		
3	4					throughout these 24 hours		
4	4							
5	4		SE	SW				
6	4					at 5 p.m. tacked to		
7	4					the S & E wind		
8	4							
9	4		16 By S	SW By S				
10	4							
11	4					Crew notoriously employed		
12	4							
1	4		SE	SW				
2	4							
3	4					Pumps carefully attended		
4	4		SE	SW				
5	4							
6	4							
7	4							
8	4							
9	4					Lat By Obs 24.53 North		
10	4							
11	4							
12	4							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	Friday ^{day 4} May	1866
1	3		SE -	SW		First part clear & pleasant		
2	3					with light Baffling winds		
3	3							
4	3							
5	2		SW	SW				
6	2					at 2 p.m. tacked to the		
7	2					SW wind		
8	2		SE	SW				
9	2					at 8 tacked to the SE		
10	2					wind		
11	2							
12	2					Middle part calm		
1	3					at 4 p.m. saw a vessel		
2	3					standing to the Eastward		
3	3					at 4 am a breeze sprang		
4	3					up from the SE & we		
5	3					trimm'd sails accordingly		
6	3					Crew Neatly Employed		
7	3							
8	3					Pumps carefully attended		
9	3							
10	3					Lat By Obs 24.32		
11	3							
12	3							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from New York towards Port au Prince

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	1866
						Saturday 5 th May		
1	3		W. by N. S. by E	S. by E		First Part. Clear & Pleasant		
2	3			South		with a light breeze from		
3	3					the S. by E. wind		
4	3							
5			Calm			At 2 p m light Boffling		
6						wind		
7								
8						from 4 to 9 p m we had		
9						no wind at 9 p m		
10	3		W. by N. S. by E			a Breeze sprang up from		
11	4					the S. by E. wind & trim		
12	5					ails. to the best advantage		
1	4		W. by N. S. by E					
2	4					At 3 a m we took to		
3	4			S. by E		the S. by E. wind & trim		
4	4		S. by E.	South		wind hauling to the S. &		
5	4					W. by N. & Boffling		
6	4					from N. by E. wind		
7	5							
8	5			N. by E				
9	4					Pumps carefully attended		
10	4					several sails in sight		
11	4							
12	4					Lat by Obs - 24 15		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	1866
						Sunday 6 th May		
1	3		S. by E. S.	S. W.		light Boffling winds & clear		
2	3					weather throughout the		
3	3		S. by E. S.	W.		24 hours		
4	3			South				
5								
6			Calm					
7								
8								
9						Pumps carefully attended		
10								
11	2		S. by E. S.	South				
12	3							
1	3					Lat by Obs - 23 45		
2	3							
3	3							
4	2			W.				
5	2							
6	2							
7	2			S. W.				
8	2							
9	2							
10	2							
11	2							
12	2							

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from New York
to the Sacramento

towards Fort au Prince
John C. Lawrence Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1	3		SE	SW		Clear & pleasant throughout these 24 hours with light baffling winds	Monday	May
2	1	5	SE					
3	1	5						
4	1	5						
5	2		SW	SW		New Employee cleaning the port side of the main deck		
6	3							
7	3							
8	2							
9	3					Pumps. Carefully attended		
10	3							
11	3		NE					
12	3							
1	2	5				Lat By Obs 23-03 N		
2	2	5						
3	2	5						
4	2	5						
5	4			East				
6	4							
7	4		SW	SE				
8	4							
9	3							
10	3							
11	3							
12	3							

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1	2		SW	SW		First Part Clear & Pleasant with light baffling winds	Tuesday	May
2	1	5	SW					
3	1	5	SW					
4	1	5	SW					
5	2		SW	WNW		Middle Part light winds with passing clouds.		
6	3							
7	3			NW				
8	3							
9	3			N		At 2 P.M. Cloudy with light squalls & rain		
10	3							
11	3			NE				
12	3							
1	2	1/2				After Part Clear & Pleasant with light baffling winds		
2	2	1/2						
3	2	1/2		NE by E				
4	2	1/2		East				
5	2	1/2				one observer in company steering the same as us		
6	2	1/2						
7	3			NE				
8	3							
9	4			NE		New Employee cleaning the main deck		
10	4							
11	4							
12	4							

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Journal from New York towards Port au Prince
 Charles Sacramento John L. Lawson Master

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS	Wednesday	day of May	1866
1	2		SW by S			First Port Clear & pleasant with light baffling winds			
2	2								
3	2								
4	2								
5	2					at 6 pm a breeze sprang up from the Eastward with a light shower of Rain			
6	5								
7	5								
8	5								
9	6			SE		Middle Port Moderate breeze & passing clouds -			
10	7								
11	7								
12	7			SE		at 12-30 made turtle island light bearing by compass			
1	5					by S W Dist 10 miles			
2	2		NE -			at 1 am blew up			
3	2	lowe two				sails & houses & home two			
4	2					under the topsails with			
5	2					her head to the NE & wind			
6	7		SW	NE		at 5 am made all sail &			
7	7		South			steer for turtle island passage			
8	7		SW by W			at 6 am made the land			
9	8		SW			bearing N by E Dist about 15			
10	8					miles 1 Brig & a schooner			
11	8					in sight Dumps attended to			
12	8					Set by Obs - 27 07.00			

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
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21-07

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	Thursday	day of May	1866
1	8		SW by W			First Port Fresh Breeze &			
2	8				NE by E	Cloudy			
3	8								
4	8		SW by W			Middle Port Squally with			
5	7					rain			
6	7				East	at 2 Am made the			
7	7					island of Tortuga bearing by			
8	7					compass Dist about 10 miles			
9	7								
10	7					at 5 am made Cape Nicolas			
11	7				SE	bearing SW Dist 15 miles			
12	7								
1	7					at 10 am sent up the			
2	7					fore Breeze sprang & set			
3	7					the sail			
4	7					at noon Cape Nicolas			
5	7					bore South Dist 5 miles			
6	6					very light winds & a strong			
7	5					current setting to the North			
8	4				Var	ward.			
9	3								
10	2								
11	1								
12	1								

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from New York towards Port au Prince
 Barb's Sacramento John C. Loomer

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	1866
						Friday 11 th May		
1						Commences with a light air		
2						from the Starboard General		
3						Sail in sight		
4								
5						at 6 p.m. hauled all		
6						the light sails for the		
7						night		
8								
9	10			Light		Spoke of Port light		
10						Buffing since 1 clear		
11						weather		
12								
1						at 5 am made all		
2						sail Genoa island bearing		
3						N.E. Dist about 20 miles		
4						the wind ahead.		
5								
6						At 9 am we were boarded		
7						by the Mate of a whaling ship		
8						for News Papers		
9								
10						at noon Genoa island bore		
11						N.W. Dist 18 miles		
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	day of	1866
						Saturday 12 th May		
1						First Port light breeze from		
2						the N.W.		
3								
4						middle Port. Cloudy with		
5						heavy squalls from the S.E.		
6								
7								
8						after Port Sea & Pleasant &		
9						light breeze from the N.W.		
10						ward with a strong current		
11						from the S.E. wind		
12								
1						at noon St. Marks Point		
2						bore East. Dist 5 miles		
3								
4						new shipfully employed		
5								
6						things carefully attended		
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from New York towards Port au Prince

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS
1						Sunday 13 May 1866
2						Commences with a light
3						Breeze from the WNW
4						Clear & pleasant at 7 pm passed
5						the Anacapa Keys. at 10 pm
6						Made point on light
7						Running by compass S & Dist
8						5 miles back in all light
9						sails & hove two under the
10						topsails & fore sail at 6 am
11						Made sail & stood for the
12						harbour at 10 am the pilot
1						came on board. at noon
2						anchored in 17 fathoms
3						with the starboard anchor
4						& 30 fathoms of chain & run
5						two lines out a steam for
6						temporary moorings the
7						pilot went on shore at 2
8						pm the custom officer came
9						on board. Tacked sails & hove
10						up the Deck. Fresh Breeze
11						from the WNW. Latter
12						part cloudy with showers of
						rain this day Captains 30 hours
						to commence try harbour day

Course Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob Variation. Diff. of Lon. Lon. in. Lon. by Ob

Harbour of Port au Prince

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						Monday day of 14 May 1866
2						First part cloudy with
3						frequent showers of rain
4						& moderate wind from the
5						S & W at 10 pm took
6						the port anchor & 30 fathoms
7						of chain out stern & moved
8						ship at 11 the Capt. of
9						the port came on board &
10						seal the main & bridge
11						atches the Capt. went
12						on shore to enter the vessel
1						crew employed getting ready
2						to discharge cargo
3						middle part. Cloudy with
4						a light breeze from the
5						WNW. Latter part. Cloudy
6						First part light breeze from the
7						WNW & clearing middle part
8						clear Latter part - light wind
9						commence to discharge cargo
10						at 3 pm crew employed
11						in the first part turning up the
12						fore mast & backstay latter
						discharging cargo

Tuesday May 15.

Course Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Discharge 925 pieces of P. B.

Journal from Puget Sound towards Laying in the Harbor of Port Angeles

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Wednesday May 16			First part Squally with heavy showers of rain Middle part light breeze from the NW weather but a sultry breeze employed Discharging cargo		
2			Thursday May 17 th			First part Clear & Pleasant Middle part the same latter part Cloudy & squally with rain crew employed Discharging cargo		
3			Friday May 18			First & latter part Cloudy & squally with rain middle part the SE wind - Middle part shore helping to clear & pleasant with a moderate breeze from the NW crew employed Discharging cargo		
4			Saturday May 19 th			First part Clear with light breeze from the SE wind latter part heavy showers of rain with thunder & lightning crew employed Discharging cargo		
5			Sunday May 20 th			First part Cloudy with light wind from the SE wind Middle part Clear & Pleasant have liberty to Peter & Bill to go ashore at 2 pm at 6 they came on board latter part Cloudy & squally from the E wind		
6			Monday May 21			First part Cloudy & squally Middle part Clear & Pleasant with a light breeze from the NW crew employed Discharging cargo		
7			Tuesday May 22			2 men employed ashore to help Discharge latter part Cloudy with heavy shower of rain attended with thunder & lightning but very little wind		

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Wednesday May 23			First part Clear with light breeze from the SE wind latter part heavy showers of rain with thunder & lightning crew employed Discharging cargo		
2			Thursday May 24			First part Cloudy with light wind from the SE wind Middle part Clear & Pleasant have liberty to Peter & Bill to go ashore at 2 pm at 6 they came on board latter part Cloudy & squally from the E wind		
3			Friday May 25			First part Cloudy & squally Middle part Clear & Pleasant with a light breeze from the NW crew employed Discharging cargo		
4			Saturday May 26			2 men employed ashore to help Discharge latter part Cloudy with heavy shower of rain attended with thunder & lightning but very little wind		

Journal

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	18
1						First Part light winds &		
2						cloudy. Middle of day. But		
3						Sailing weather & light		
4						winds at 10. Am finished		
5						Discharging cargo sent 5 water past		
6						the light at 4. G. M. then the		
7						lighter alongside took in		
8						2 casks of water then commenced to		
9						take in Ballast at 6.30. Much		
10						work for the night 1 Man		
11						hired from the shore turned up the		
12						staircase fore topmast. Back stays		

Wednesday May 29th

3
4
5
6
7
8
9
10
11
12

First part cloudy with light
showers of rain. At 6 am finished taking
in Ballast. Took in 3 batts of water
& in stowing them one of them burst
at 3 am took in the starboard
Boat, unlent the Foresail & Bent a Fresh
one for the Summer towed a light
off to get in our Stern anchor got
in the anchor & threw the lighter
to the Shore at 10 am got
under weigh and sailed out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by	Lon. by Obs.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1						Being Sailed at the
2						watch
3						with a light breeze from the
4						SE and crew employed get
5						ing the vessel ready for sea
6						
7						First Part Clear & Pleasant
8						with a light breeze from the SE
9						at 10 am St. Patrick's Point Bore by
10						compass SE Dist about 20 miles
11						from which I take my departure
12						This log contains 12 hours ending 4 miles
1						to commence my sea log crew
2						successfully employed
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

May 24th

That Part Clear & Pleasant
with a light breeze from the N.E.
at 10 am St. Patrick Point Bar. Co.
camping ESE Dist about 20 Miles
before which I take my last note
This log contains 12 hours ending 4 noon
to commence my sea log crew
Needfully Employed

Course	Distance.	Diff of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Port au Prince towards Cienfuegos

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	Friday 25 May	1868
1	3					Commenced with a light breeze from the N wind clear & pleasant at 2 PM passed the Seoloe Bone by compass N 6 E at Dist about 25 miles		
2	3							
3	4							
4	6							
5	6							
6	6							
7	5							
8	5							
9	5							
10	5							
11	5							
12	5							
1	5							
2	4							
3	2							
4	2							
5	1							
6	2							
7	3							
8	5							
9	4							
10	4							
11	3							
12	4							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	Saturday 26. day of May	1866	
1	2		West - North			Commences with a light air from the N. wind & cloudy			
2	3								
3	7								
4	5					at 4 PM saw a ship steering to the E. wind			
5	5			NE					
6	6								
7	6			East		at 8 PM hauled all the light sails			
8	7					Fresh Breeze from the South wind			
9	8								
10	9			SE		at Midnight. very black in the N.W. took two reef. in the topails & furlled the mainsail at 1 am			
11	9					the wind hauled suddenly to the NW hauled up the foresail & hove too			
12	9			South		Not much wind but raining in torrents with sharp lightning & heavy thunder the boats caught a Dolphin to day at 9 am			
1	2			NW		the weather clearing up made all sail Cape Cod bearing at 2			
2	1			WNW		Diat 25 miles			
3	1								
4	2		West - North						
5	2								
6	2								
7	2								
8	2								
9	3		West	NE					
10	3								
11	3								
12	6			East		Sat By Obs 19-23-			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from *Pointe à Pitre* towards *Cienfuegos*

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS	1866
1	4		W. N.	East		Begins with a light breeze from the E. wind & pleasant	
2	4						
3	4						
4	4					at 8 p.m. Squally in the N.W.	
5	5		West			took in all light sails	
6	5						
7	4			E. N. E.		at 9-30 heavy squalls from the N.W. with rain sharp lightning & heavy thunder. Double reefed the topsails & hauled the mainsail.	
8	4						
9	4			N.W.			
10	2		N.W.	North			
11	2		West	E. E.			
12	2		W. by S.	East		at 11-30 p.m. calm set the topsails & topgallantails	
1	2			N. E.			
2	2			N.			
3	2					Midnight light baffling wind & cloudy	
4	2			S.W.		heavy swell from the W. wind	
5	2						
6	2						
7	3					at noon bore breeze bore N. E.	
8	3					Dist 24 miles -	
9	4						
10	4					Lat - 19-33 - North	
11	4						
12	4						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	1866
1	5		N.W.	S.W.		Commences with a moderate breeze from the S.W. & cloudy	
2	5						
3	5						
4	5					at 6 p.m. a breeze in sight steering to the S.W.	
5	5					light wind & fine weather	
6	5					middle part. light winds with passing clouds	
7	5					at 3 a.m. passed a bank steering to the E. wind	
8	5						
9	5						
10	5						
11	5						
12	5						
1	5		N.W.			latter part. clear & pleasant with a light breeze from the S.W. wind	
2	5						
3	5		N.W.				
4	5						
5	4					Crew Successfully Employed	
6	3						
7	3						
8	3						
9	3						
10	3					Lat By Obs. 20-39 - North	
11	3						
12	3						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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79-28-

Journal

H	K	F
1	2	
2	2	
3	2	
4	2	
5	2	
6	2	
7	2	
8	3	
9	0	
10	2	
11	2	
12	7	
1	2	
2	2	
3	2	
4	2	
5	2	
6	2	
7	2	
8	2	
9	2	
10	2	
11	2	
12	2	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				26-30-		6-E-	41 m	80-18	

H	K	F
1	3	
2	3	
3	4	
4	4	
5		
6		
7		
8		
9	1	
10	1	
11	1	
12	1	
1	1	
2	1	
3	1	
4	1	
5	1	
6	1	
7	1	
8	1	
9	3	
10	4	
11	4	
12	4	

Course,	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from

Port Sacramento to lying in the
Harbour of ~~San Francisco~~ *San Francisco*

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	31 st day of May	1860
1			Thursday May 31 st			First part clear & pleasant		
2						with a light breeze from the		
3						N.W. wind		
4						Middle part. Clear & pleasant with		
5						a moderate breeze from the		
6						N.E. wind, at 1 P.M. heavy		
7						squalls from the S.W. wind the vessel's		
8						lying so close together we were		
9						not able to pay out any more chain with		
10						out going part of rope one in consequence		
11						of which we changed our anchor set		
12						to the first anchor But before we brought		
1						up we drifted part of the first gasket		
2						our anchor was caught. his main yard		
3						& carried it away outside of the slings		
4						they neither gave out any chain or		
5						let go his hances till his main yard		
6						was gone either of which would have		
7						prevented any damage as we brought		
8						at the same moment our stern struck		
9						his main chains or thenceabouts & started over		
10						board piece in the starboard side & otherwise		
11						slightly damaging our stern latter blood		
12						with light puffing wind.		

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	1 st day of June	1860
1			Friday June 1 st			Commences with light		
2						puffing wind & calm at noon		
3						hove up the anchor & haul. Clear at		
4						the shipping we having no room to		
5						lying while hauling our main yard		
6						Say. his head stays the Port gasket		
7						the cap. of the said vessel refusing to		
8						allow his mate pay out a little chain		
9						to clear us. his cable being under our bottom		
10						at the time at 7 P.M. Dredged the		
11						starboard anchor & 25 fathoms of chain in		
12						14 feet of water - crew employed finding		
1						the vessel outside		
2						Remarks -		
3						Departing June 2 nd		
4						Begins with light air from the S.W. wind		
5						clear & pleasant at 5 am hove up the		
6						anchor & haul to the custom house wharf		
7						to discharge Ballast. crew employed painting		
8						Ship & other necessary jobs		
9						Middle part. Clear & pleasant with		
10						light puffing wind from S. at 7 P.M.		
11								
12								

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Bark Sacramento lying in the harbor
of San Felipe

[illegible]

H	K	F	COURSES.	WINDS	SEAWAY	REMARKS	day of	1866
1						Cloudy & equally	the Capt. reports	6 th
2						us ready to receive cargo on Wednesday June		
3						Remarks		
4						Wednesday June 6		
5						All ready to receive cargo		
6						Light Baffling winds & cloudy with rain		
7						commenced by taking in cargo by taking		
8						in 8 casks of molasses		
9						Crew Employed taking in		
10						cargo & other necessary jobs one man laid up		
11						sick two coopers Employed on board		
12						Remarks on Board		
1						Thursday June 7		
2						First part Cloudy with light		
3						Baffling winds Second part Clear		
4						& pleasant with a light breeze from		
5						the S.W. & want loose sails & Dye. Then		
6						Crew Employed taking in cargo		
7						I've still laid up complaining of pain in his		
8						back the supply storing the cargo		
9						2 coopers Employed		
10						Remarks on Board		
11						Friday June 8		
12						First part Cloudy with light Baffling winds		
1						Second part Clear & pleasant with a light air		
2						from the S.W. I want I've still sick but		
3						a doctor on board to see him who has		
4						announced it to be intermittent fever Crew		
5						Employed taking in cargo		

H	K	F	COURSES	WINDS	LEEWAY	REMARKS	day of	1866
1						Saturday June 9 th Light Baffling wind & cloudy	June	
2						with showers of rain in the latter		
3						part. 2 men hired from		
4						shore to assist taking in cargo -		
5						the Doctor came on board twice		
6						day to see the sick man - the		
7						rest of the crew employed taking in cargo		
8						took in 32 hogheads of molasses -		
9						Remains on board		
10						Sunday June 10 th		
11						First part light variable wind &		
12						cloudy middle part clear & pleasant		
1						latter part cloudy with showers of rain		
2						the Doctor came on board to visit the		
3						man. From one of the sailors who spoke to a		
4						mother & took in 12 casks of molasses & 1 tierce &		
5						3 bales 2 men hired from the shore		
6								
7								
8								
9						Tuesday June 12, light Baffling wind & cloudy with frequent		
10						showers of rain, took in 14 hogheads		
11						to day 2 men hired from the shore		
12						loose, sails & voyaged them.		

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES	WINDS	LEEWAY	REMARKS	day of	1866
1						Wednesday June 13 th Clear & pleasant	June	
2						this day at 5 am hauled the		
3						vessel to another wharf to		
4						take in the rest of our		
5						cargo - took in 53 hogheads &		
6						2 tierces. 2 men hired		
7						from shore. We still		
8						laid up sick		
9								
10								
11						Thursday June 14 th		
12						Clear & pleasant throughout		
1						took in 8 hogheads & 1 day this day with light Baffling wind		
2						at 10 am commenced to haul		
3						out from the wharf but then		
4						hauling as far as the customhouse wharf		
5						the vessel grounded & the Capt. of the		
6						port ordered us to heave a stern we		
7						swam out a line but the men pulling		
8						we could not move her at 10 pm		
9						it being higher water we heaved		
10						out & hove the vessel off into deep		
11						water & let it go - port anchor		
12						broken up chain. We still laid up sick		

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from *Mt. Siquima* towards *Yine* in the Harbour of *Vientuegas*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	15 th day of June	1866
1			Friday	June	15 th	Clear & pleasant throughout this day with light winds at 5 am. called all hands took in 41 bags of pulses & 3 fowls. We still lie up sick 2 men, since from shore at 4 pm. wore up the anchor & hauled, farther off shore		
2								
3								
4								
5								
6								
7								
8								
9								
10			Saturday	June	16 th	Clear weather throughout this day call ^d all hands at 5 am & haul ^d the vessel still farther out in the stream to clear the other vessels. We still laid up sick 2 men since from shore took in 16 bags from Mr. Fowler. A 2 ^d from another party & stow ^d them		
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	June 17 th day of	1866
1			Sunday	June	17 th	Clear & pleasant throughout this day - one man laid up sick		
2								
3								
4								
5			Monday	June	18	Clear & pleasant with light baffling winds took in 10 bags from Mr. Fowler & 13 from Mr. Fowler which finished our cargo - one man sick		
6								
7								
8								
9								
10								
11								
12								
1			Tuesday	June	19	finished stowing the sick boat & got the vessel ready for sea. First part clear & pleasant middle part cloudy with light showers of rain no men sick		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from *Port Sacramento* to *San Francisco* Master *J. B. Lawrence* towards *San Francisco* 1866

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	1866
1						<p>Wednesday June 20th</p> <p>at 4 am the pilot came on board hove up the anchor & made sail at 6,30 am delivered the pass at the port at 7 am pilot left the vessel during this forenoon we had very light wind with a heavy swell from the Sward 7 sail in company bound to the Sward we still hove up sick this log contains 12 hours ending at noon to commence my sea log</p>		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob	
from <i>San Francisco</i> towards <i>New York</i>										
H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	Thursday	day of	21	June 1866
1	2		<i>S by W</i>	<i>W by N</i>		First part light breeze from the <i>S by W</i> & cloudy at 4 pm the light house bore at <i>S by W</i> Dist 12 miles from <i>S</i> from until 8 pm we had very heavy squalls from the <i>Nward</i> to the <i>Sward</i>				
2	2									
3	2									
4	2									
5	3			<i>N</i>						
6	3			<i>NE</i>						
7	4		<i>SE</i>	<i>E</i>						
8	4			<i>E. NE</i>						
9	5									
10	6									
11	6									
12	6									
1	7		<i>S by W</i>	<i>East</i>		Middle part cloudy with a strong breeze from the <i>E. wind</i> came from sick				
2	7									
3	7									
4	7									
5	7									
6	7									
7	7									
8	7		<i>West</i>							
9	6									
10	6									
11	6		<i>W by N</i>			Last part clear & pleasant with a light breeze from the <i>N E wind</i>				
12	6									
							Lat by Obs. 20-44-			
							Surgeons Carefully Attended			
Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.	

Journal

H	K	F
1	4	
2	7	
3	4	
4	4	
5	8	
6	5	
7	8	
8	8	
9	8	
10	4	
11	4	
12	4	
1		5
2		5
3		5
4		5
5		5
6		4
7		8
8		4
9		4
10		8
11		8
12		4

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F
1	4	
2	4	
3	4	
4	4	
5	4	
6	4	
7	4	
8	4	
9	5	
10	5	
11	5	
12	5	
1	5	
2	4	
3	4	
4	4	
5	4	
6	4	
7	4	
8	4	
9	5	
10	5	
11	5	
12	5	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in,	Lon. by Ob.
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Journal from *San Francisco* towards *New York* 1866

H	K	F	COURSES	WINDS	LEEWAY.	REMARKS
						Sunday day of 24 th June 1866
1	4					Clear & pleasant throughout these 24 hours with light winds
2	4					
3	4					
4	4					
5	2					Pumps: carefully attended
6	2					
7	2					
8	2					
9	2					one man sick
10	2					
11	2					
12	2					
1	2					at 7 am made cape commenced heaving a log Dist 12 miles
2	2					
3	2					
4	2					
5	3					Lat By Pis 21-42
6	3					
7	4					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Sunday day of 25 June 1866
1	4					First part clear & pleasant with a light breeze from the NE
2	4					
3	4					
4	4					
5	4					At 9 pm Cape Antonio Bore East Dist 7 miles
6	4					
7	3					
8	3					
9	3					Midnight fresh breeze from the SE & cloudy
10	3					
11	5					
12	6					
1	4					After part fresh breeze & cloudy several sail in sight
2	4					
3	4					
4	4					
5	4					Bore strongly engaged pumps: carefully attended to
6	4					
7	4					
8	4					
9	4					Lat By No 23-2 with one still laid up sick
10	4					
11	4					
12	4					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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from.

REMARKS Tuesday day of 26 June 1860
Commences with a moderate
breeze & Cloudy
At 1.00 pm tack^d to the
E, wind
at 7-30 tack^d to the
N, wind
Middle part clear &
pleasant
 Latter part the same
Crew employed tarring
& painting
I'm still sick
Lat By Obs 24-01

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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REMARKS Wednesday ^{day of} 27th June 1860.
Clear & pleasant throughout
these 24 hours
at 1 p m tack'd to
the S & E wind
at 10 p m tack'd to
the S wind
at 6 am tack'd to
the S & E wind
New Employee Painting
Boat.
I've still laid up six
Lat By Obs 24 06 N
2 knots current setting about
East.

Course	Distance	Diff of Lat	Departure	Lat by D R	Lat by Ob	Variation	Diff of Lon	Lon in	Lon by Ob
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Journal

from *San Francisco* towards *New York*

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS.
						<i>Thursday day of 28 June 1866</i>
1						<i>First & Middle parts clear & pleasant with calms & light winds</i>
2						
3						
4						
5						
6						<i>Latter part cloudy with a light breeze from the S. E. wind</i>
7	3		<i>E. N. E.</i>	<i>S. E.</i>		
8	3					
9	3		<i>O. E.</i>	<i>S. N. E.</i>		
10	3					
11	3					<i>Crew Employed painting Mast</i>
12	3					
1						
2						
3						
4						<i>Sat By Obs 23 1/2 North</i>
5						
6						
7						
8						
9						<i>Current 2 knots - E.</i>
10	2		<i>E. By S.</i>			
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						<i>Friday day of 29 June 1866</i>
1	3		<i>E. N. E.</i>	<i>N.</i>		<i>Commences with a light breeze from the N. wind & cloudy</i>
2	3					
3	2					
4	3			<i>S. W.</i>		
5	1 1/2			<i>S. W.</i>		
6	9			<i>S. W.</i>		<i>at 4 p.m. heavy squalls from the S. W. with rain</i>
7	5					
8	5			<i>N.</i>		
9	3			<i>South</i>		
10	3					
11	3					<i>at 2 am made double headed shot key light bearing E. & S. Dist. 15 miles</i>
12	3					
1	3					
2	3					
3	3		<i>N. E.</i>	<i>S. W.</i>		
4	3		<i>N. E. By E.</i>	<i>N. E.</i>		<i>at 5 am the light bore S Dist 10 miles</i>
5	3					
6	4					
7	4					
8	4					
9	4					<i>Crew Readfully Employed one Man Sick</i>
10	4					
11	4					
12	4					
						<i>Drummers Carefully attended</i>
						<i>Sat By D. R. 24 3/4</i>

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Bark Accidents to J. C. Larsson Master

Journal from Cienfuegos towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Sunday day of 30 June 18 66
1	4	5	NB By E	SW		Commences with a light breeze from the SW & cloudy
2	4	5		WNW		
3	4	5		WNW		
4	4	5	N	WN		
5	4	5		W		at 5 P m heavy squalls from the SW & cloudy with rain
6	4	5				
7	4	5		NW		
8	3		N By E	NW		
9	3			NW By W		Middle & latter part squalls from the SW to NW took in & made sail as was found the son
10	3		N By E & E			
11	2					
12	2					
1	4		NW By W	WNW		crew peacefully employed
2	4					
3	3					
4	3					Pumps carefully attended
5	3					
6	3		N By E			
7	3					Sat By D R
8	3					
9	2		N By E -	NW		
10	4					No Obs -
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	Sunday day of July 18 66		
1	2		NNE	NW		Commences with squally weather from the NW to NNE with rain			
2	2		NW By W	N By E		at 1 P m took ship to the NW & went at 2 P m the fore topgallant sail carried away without it & repaired it			
3	2					Middle part calm			
4	2		NW	NE		at 7 30 am wore ship to the NW & went			
5	2					at 6 am Double reefed the topsails & hoisted the fore & mainsail			
6	2		N By W	NNE By E					
7	2								
8	2								
9	2								
10	2								
11	2								
12	2								
1	2								
2	2		E By S	NNE By N					
3	2								
4	2								
5	2								
6	2								
7	2								
8	2		NW	NE					
9	2								
10	2								
11	2								
12	2								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob
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Journal from *Port Sacramento* 16 December 1866 *towards New York*

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	1866
1	2		N by W	N E		Begins with a moderate	Monday 2 ^d July	
2	2					Gale from the N E.		
3	2					with a very heavy sea causing		
4	2					the vessel to labor, the sea		
5	2					washing her deck fore & aft		
6	2							
7	2					At 8 p m tacked to the S E		
8	2							
9	2		S E			At Midnight tacked to the		
10	2					N wind		
11	2							
12	2					At 10 am tacked to the S E		
1	2		N by W			the wind moderating at the		
2	2					Mainmast & Jib a heavy sea still		
3	2					running from the N E.		
4	2							
5	2					After great strong breeze from		
6	2					the S.		
7	2					Pumps carefully attended to		
8	2							
9	2					A strong current setting to the S by E		
10	2			E N E		for which is allowed 2 knots per		
11	2		S E			Lat By Obs 30-15 North		
12	2							

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob Variation. Diff. of Lon. Lon. in. Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	Day of	1866
1	3		N	E N E		Commences with a strong	Tuesday 3 ^d July	
2	3					Gale from the E N E & a heavy		
3	3					sea		
4	3					At 3 p m heavy squall		
5	3					from the E N E & aft		
6	2					Mainmast & Main topmast		
7	2					the Mainmast & Jib		
8	2		S E by E	N E N E		repairing sails. tremendous heavy		
9	2					sea vessel lurching much the		
10	2					sea washing over fore & aft		
11	2							
12	2					Midnight strong breeze & heavy		
1	2					squalls vessel rolling heavily		
2	2					& taking in water on both		
3	2					sides At 6 am moderating		
4	2		S E	E N E		set the Mainmast Jib & Main		
5	2					topmast staysail still a heavy		
6	3		E E by E			sea on causing her to pitch		
7	3					heavily At Noon saw a large		
8	3					steamer steering to the N E		
9	3					People employed repairing sails &		
10	3					other necessary jobs		
11	3					Pumps carefully attended to		
12	3					Lat By Obs 30-53		

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Journal

Barth's Warrant 216 Lussan's Warrant
towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		NE	ESE		Wednesday 4 th July 1866 Commences with a light breeze from ESE & cloudy
2	2		calm			at 2 p.m. calm
3	3		NE by E	ESE		At 4 p.m. light breeze from the SE & wind set all possible sail
4	4					Midnight light breeze from the SE to E by S with a heavy swell from the Eward
5	4					
6	4					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	4					
2	4					
3	4					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS
1	2		NE	ESE		Thursday 5 th July 1866 First part clear & pleasant with light winds & a heavy swell from the Eward
2	2					at midnight cloudy with a moderate breeze from the Sward
3	2					
4	3					
5	3					
6	3					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	3					
2	4					
3	5					
4	5					
5	5					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Journal from *Bayle Sacramento* to *J. C. Lawson* *San Francisco* towards *New York*

H	K	F	COURSES	WINDS	LEEWAY	REMARKS	day of	1866
1	5		NW	SW		Clear & pleasant throughout these 24 hours - with a moderate breeze from the SWW wind	Friday 6	
2	5							
3	5							
4	5							
5	5			SW				
6	5							
7	5							
8	5							
9	5					Crew employed sweeping		
10	5					ing masts		
11	5							
12	5							
1	4					Drummers carefully attended		
2	4							
3	4							
4	4			SW				
5	4					Lat by Obs 34 58		
6	4							
7	4							
8	3							
9	3							
10	3							
11	3							
12	2							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES	WINDS	LEEWAY	REMARKS	day of	1866
1	5		NW	SW		Moderate Breeze & Clear weather throughout these 24 hours	Saturday 7	
2	5							
3	5							
4	5							
5	5		NW					
6	5					Crew employed cleaning		
7	5					paint masts & getting the		
8	5					ship ready for harbor -		
9	6							
10	6							
11	6					Lat by Obs 37 38		
12	6							
1	7		NW					
2	7					Drummers carefully attended		
3	7					the		
4	7							
5	6							
6	6					Crew still off duty		
7	3							
8	5							
9	5							
10	5							
11	5							
12	5							

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from St. John's Nfld towards St. John's Nfld

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	Day of	18
1			Remarks on board			These day commences		
2			Friday July 31 st 1800			fine breezes and clear		
3						the ship commences		
4						at 12 M the sea runs in - bear		
5						at 1 P M the log boats the		
6						beet up in the stream		
7						sea impeded in getting		
8						for sea so ends this day		
9						Weather		
10			Remarks on board			These day commences with		
11			Saturday August 1 st			Breezes and passing clouds		
12						3 AM called all hands		
1						the ship was under way		
2						4 M came to anchor at		
3						the ship was under way		
4						the ship was under way		
5						and off by the		
6								
7			Remarks on board			These day commences with		
8			Sunday August 2 nd			fine breezes and passing clouds		
9						have up the anchor and		
10						5 P M the ship was		
11						ends this day in		
12						beginning		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	Day of	18
1								
2								
3								
4								
5								
6			S W	W S W	1/2	at 8 AM commences in light breeze		
7						lower clouds of distant		
8						from which I take my		
9								
10								
11								
12			S W 1/2 S	West		glad to part fresh breeze		
1					1/2	other passing clouds		
2								
3						at 1 AM Barnagat		
4						W S W distant 9 miles		
5						in the part fresh breezes		
6						and passing clouds		
7								
8								
9			S W 1/2 S		1/2	These 24 hours ends with fresh		
10						Breezes and clear		
11						Latitude by observation 38 1/2		
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from

towards

185

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS on board day of Saturday August 18 th
1	1		SE	WSW	1/2	First part of this 24 hours
2	4					continues with moderate
3	5					Breezes and clear
4	2					
5	2				1/2	
6	2		WSE	SW		
7	2					
8	2		WSE	SSW		At 8 PM Take ship to the
9	5		SESE	SWSW	1/2	SE ward
10	5					
11	3					
12	5					Middle part fine breezes
1	5				1/2	and clear
2	5					
3	5					
4	5					
5	5				1/2	Latter part fresh breezes
6	5					and passing clouds
7	5					
8	5					
9	4		West	WSE	1/2	This 24 hours ends with
10	4					fresh breezes and passing
11	4		WSE	SWSW		clouds
12	4					Latitude by observation 37 30.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of Sunday August 19 th
1	1		SE	SW	1/2	First part of this 24 hours
2	4					continues with fresh breeze
3	1					and running clear
4	4					
5	1				1/2	
6	4					At 6 PM wind ship to the
7	2		SESE	SW		SE ward
8	2					
9	2				1/2	
10	2					
11	2					
12	2					Middle part squally with
1	2		SE	SSW	1/2	base with a heavy fog
2	2					ing
3	2					
4	2		SESE	SW		
5	3		SESE	SW	1/2	Latter part continues with
6	4					much sail variable winds
7	4					
8	4					
9	4				1/2	This 24 hours ends with fine
10	4					breezes and clear
11	4					
12	4					Latitude by observation 38 48

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from *San Francisco* J. C. Harrison *Monterey* towards

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	1866
1							Sunday	3
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	day of	1866
1							Monday	9
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Tuesday
July 10

Monday July 10 1866
First part storing Breezs from this
Navant & blowing
At 11 am the light came on
Board at 10 30 the tug Boat
Miram came to us in the
for the City wind N. light -

At 3 pm made the vessel fast
along side of the Brig Crimée
outside of the Atlantic Dock
blew up the deck & sent the
crew on shore light variable
wind & the weather

Wednesday
July 11th

This day commences with fine
weather & light winds from the
S.W. & middle part hot & sultry
Latter part clear & pleasant
Still lying outside of the Brig Crimée
the third vessel from the wharf
Let in for a clear & pleasant

Thursday July 12

Clear & pleasant throughout the
24 hours still lying at the same
place & position

Friday July 13

Commences with light & hazy
winds & clear weather at 11 am
commence to haul the vessel along
side of the wharf but the tide
running was not all to get there as
one of our lines parted throwing us
across the stern of the Brig Crimée
At 4 pm got alongside of the wharf
made the vessel fast & blew up
Decks. 3 men hired from 11 to 5
to assist moving the vessel inside
port hot & sultry latter sultry
so to the day

Saturday July 14

At 7 am commenced to discharge
bag - 6-30 finished Discharging
Light Breezs from the 2nd & 3rd
floors so that it is dry

Sunday July 15

Clear & pleasant throughout the
day

[illegible]

	C	K	F	COURSES.	WINDS	LEEWAY	REMARKS	day of	18
1				Thursday July 19			Clear & pleasant throughout the day except two brief showers		
2				Friday July 20			Clear but somewhat hazy in the morning the Steamer came on board to repair		
3				Saturday July 21			Cloudy with light showers at intervals		
4				Sunday July 22			Clear & pleasant throughout the day except a light shower in the afternoon		
5				Monday			Clear & pleasant throughout the day except a light shower in the afternoon		

[illegible]

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob

					day of		186					
H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS						
1	2				1/4							
2	2											
3	2											
4	2											
5	2											
6	2				1/4							
7	2											
8	2											
9	2				1/4							
10	2											
11	2											
12	2											
1	2											
2	2											
3	2											
4	2											
5	2				1/4							
6	2											
7	2											
8	2											
9	2				1/4							
10	2											
11	2											
12	2											
			Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Cape York towards ...
Bath ...

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS on board day of 18 66
1	3		W S W	S W	1/2	First part of these 24 hours
2	3					our manes with fresh breezes
3	3					and passing clouds
4	3					
5	3				1/2	
6	3					
7	3					At 7:30 PM Cape Hartmann
8	3					bore S W 1/2 S distant 14 miles
9	3		S S E	S W	1/2	take ship to the S S E
10	3					ward hauled the light
11	3					
12	3					second part fresh breeze
1	3		W S W		1/2	cloud passing clouds
2	3					at 12 M take ship to the
3	3					S W ward
4	3					second part fresh breeze
5	3		S S E		1/2	passing clouds take ship to
6	3					the S W ward
7	3					
8	3					
9	3					These 24 hours ends with
10	3					fresh breezes and passing
11	3		S W 1/2 S West			
12	3					Latitude by D.R. 35° 40'

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS	LEEWAY	REMARKS on board day of Thursday 18 66
1	4		W S W	S W	1/2	First part of these 24 hours
2	4					our manes with fresh breezes
3	4					and passing clouds
4	4		S S E			take ship to the S S E
5	4				1	At 3 PM take ship to the
6	3					S E ward
7	3		W S W			At 6 PM take ship to the
8	3					S W ward
9	3		S S E		2	At 8 PM take ship to the
10	3					At 11 PM take ship to the
11	2					to the side double headed
12	2					At 1 PM take ship to the
1	2		W S W		1	passing clouds
2	2					and ward
3	2					
4	2					
5	2				3/4	second part fresh breeze
6	2					passing clouds with a heavy sea
7	2					running
8	2					At 8 AM take ship to the
9	2				3/4	These 24 hours ends with
10	2					breezes and passing clouds
11	2					
12	2					Latitude by observation 35° 40'

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Cape York towards Charleston

1866

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	1866
1	6		Sage	SW	2	First part at this 24 hours		
2	6					commenced with fresh breeze		
3	6					and passing clouds		
4	6					at 1 PM were ship to the		
5	6				2			
6	6		Light			at 5 PM were ship to the		
7	6					all night		
8	6					at 6 PM heavy fog to the		
9	6				1 1/2	the air with a heavy		
10	6					rain		
11	6							
12	6							
1	5		midnight		2 1/2	middle part fresh gale is		
2	5					and a sharp lightning		
3	5					to the at 8 were		
4	6					at 8 PM ship to the as light		
5	6				1 1/2	have ship to distant		
6	6					18 miles		
7	7					Latter part more in clouds		
8	7					and sail		
9	7				1 1/2	This 24 hours ends with		
10	7					fresh breezes and clear		
11	7							
12	7		Stop at North			Latitude by observation 34 1/2		
						Bearings of the land		

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	on board	day of	1866
1	4		Sage	SW	1 1/2	First part at this 24 hours			
2	4					commenced with fine breeze			
3	4								
4	4								
5	4		SW	SW	1 1/2				
6	4								
7	4								
8	4								
9	4				1 1/2				
10	4								
11	4								
12	4			SW		middle part fine breezes			
1	4				1 1/2	and passing clouds			
2	4								
3	4								
4	4								
5	4				1 1/2	Latter part fine breezes			
6	4					and clear			
7	4								
8	4					at 8 AM part of fogging			
9	4		SW	SW	1 1/2	about light breeze			
10	4								
11	4								
12	4					Latitude by observation 33 1/2			

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from ... towards ...
 ...

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1						First part of this an hour.		
2						commenced with fine breeze		
3						and passing ...		
4								
5								
6								
7								
8								
9								
10								
11								
12								
1						middle part fine breeze		
2						and clear		
3						At 1 PM used the lights		
4						at Charleston have reached		
5						the ...		
6						the ...		
7						at ...		
8						at ...		
9						at ...		
10						at ...		
11						at ...		
12						at ...		

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	day of	18
1						Memor. has on board this day commenced with		
2						pleasant breeze and passing ...		
3						at 6 AM called all hands at ...		
4						commenced to discharge cargo		
5						at 10 AM had the ...		
6						on the ...		
7						your weather		
8								
9						Memor. has on board this day commenced with		
10						pleasant breeze and passing ...		
11						at 6 AM called all hands at ...		
12						commenced to discharge cargo		
1						this day ...		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board			Thursday August 16 1866		
2						Breezes and passing clouds at		
3						AM called all hands the crew		
4						Englaid in the vessel below		
5						at 9 AM fog boat came land		
6						sailed toward the vessel the		
7						the harbor guard so end		
8						this day fresh breezes and		
9						passing clouds		
10								
11			Remarks on board			Friday August 17 1866		
12						Breezes and passing clouds at		
1						AM commences to receive		
2						harbor so ends this day		
3						fresh breezes and passing		
4								
5			Remarks on board			Saturday August 18 1866		
6						this day commences with		
7						fresh breezes and passing		
8						clouds at 9 AM commences to		
9						receive so ends this day		
10						this day fresh breezes and		
11						passing clouds		
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1			Remarks on board			These day commences with		
2			Monday August 19 1866			Breezes and passing clouds at		
3						down this day so ends this day		
4						fine breezes and passing clouds		
5						at 6 AM commences to		
6			Remarks on board			Friday August 20 1866		
7						this day commences with fresh		
8						Breezes and passing clouds at 6		
9						AM called all hands the crew		
10						Englaid in printing ship and		
11						a gang from shore to take		
12						in harbor so ends this day		
1						fresh breezes and passing clouds		
2			Remarks on board			Saturday August 21 1866		
3						this day commences with		
4						fine breezes and clouds at 6 AM		
5						called all hands the crew		
6						Englaid in the vessel so		
7						ends this day so ends		
8			Remarks on board			Sunday August 22 1866		
9						this day commences with		
10						fresh breezes and passing		
11						clouds at 6 AM called all hands		
12						the crew Englaid in the vessel		

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1						Remarks on board This day commences with		
2						fresh breezes and passing		
3						clouds at 6 AM called all hands		
4						the crew employed in the vessel		
5						about at 3 PM. finesse looking		
6						the vessel at 6 PM. Log book		
7						com. Long said to sail the vessel		
8						of the harbor to anchor at 1 PM		
9						This day fresh breezes and passing		
10						clouds		
11								
12						Remarks on board This day commences with		
1						fresh breezes and passing clouds		
2						at 5:30 AM the pilot came on		
3						board house up the anchor		
4						used sail at 7:30 AM past of		
5						the bar at 8 AM the pilot		
6						went on shore the crew in		
7						place in seamen		
8						anchors and stowing the shores		
9						sa ends this with 12 hours		
10						sea log begins		
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
H	K	F	COURSES.	WINDS	LEEWAY	REMARKS	On board day of	August 18	1866
1	2		SE 3/4 E	N 3/4 W	2	First part of this day commences with			
2	2					fresh breezes and passing clouds with			
3	2					variables winds			
4	2		SE 1/2 E	N 1/2 W					
5	2				2				
6	2								
7	2								
8	2		East	N 1/2 E					
9	2								
10	2								
11	2		N 1/2 E	N 1/2 W					
12	2					Middle part of this day commences with			
1	2		SE 1/2 E	N 1/2 W		fresh breezes and passing clouds			
2	2								
3	2								
4	2		SE 1/2 E	N 1/2 W					
5	2				1/2	Latter part fresh breezes			
6	2					and rough weather			
7	1					at 5 AM reached the light			
8	2		SE 1/2 E	East		hails			
9	2				1/2	at 8 AM set the fore and main			
10	2					to wait to be hoisted and			
11	2					hoisted and the vessel			
12	2					at 10 PM by D. R. 37 20.			
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from *Charles Town* towards *St. John's* 1868

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS
1	2		N 1/2 W	E 1/2 S	1 1/2	First part of these 24 hours
2	2					calm with light
3	2					gales and squally weather
4	2					at noon were ship to the
5	2					Northward with a heavy
6	2				1 1/2	sea running
7	2					
8	2					
9	2				1 1/2	
10	2					
11	2					
12	2					Middle part fresh breezes
1	2				1 1/2	and clear
2	2					
3	2					
4	2					
5	2		N 1/2 W		1 1/2	Latter part fresh breezes
6	2					and clear with variable
7	2					Winds
8	2		North	N 1/2 E		These 24 hours ends with
9	2				1 1/2	fine breezes and clear
10	2					
11	2					
12	2					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		N 1/2 E	E 1/2 S	1 1/2	First part of these 24 hours
2	2					calm with fresh
3	2					breezes and passing clouds
4	2		North	N 1/2 E	1 1/2	
5	2					
6	2		N 1/2 E	N 1/2 E		At 6 P M took ship to
7	2					the S E ward
8	2					
9	2				1 1/2	
10	2		South	E 1/2 S		
11	2					
12	2					Middle part fresh
1	3		N 1/2 E	E 1/2 S	1 1/2	breezes and passing clouds
2	3					at 12 M took ship to
3	3					the S E ward
4	3					
5	3				1 1/2	Latter part more moderate
6	3					and sail
7	3					
8	3					
9	3		N 1/2 E	N 1/2 E	1 1/2	These 24 hours ends with
10	3					fresh breezes and squally
11	3					weather with variable
12	3					Winds

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from 100 miles from towards Cape Horn to 100 miles from Cape Horn

			COURSES.	WINDS.	LEEWAY.	REMARKS	day of	1866
						on board	Tuesday	August 22.
1			N 1/2 E			First part of Three or Four hours		
2						commenced with fresh gales		
3						and passing clouds with rain		
4						at noon flying boat ship		
5					1 1/2	light vessel 1/2 mile distant		
6						6 miles to the ship to the		
7						ship and		
8						at 4 PM light ship to		
9						the ship		
10								
11								
12								
1						middle part fresh breeze		
2					1 1/2	and squally with heavy rain		
3								
4								
5								
6						rather part fresh breeze and		
7						squally weather		
8								
9								
10						Three or Four hours with		
11						fresh breeze and variable		
12						Winds		
						Latitude by D. R.	33 42.	
						Barometer well settled		

Course.	Distance.	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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	R	F	COURSES.	WINDS	LEEWAY	REMARKS
						day of August 18 66
1	1		N E S E	W S W	"	on board Wednesday
2	1					First part of Three or Four
3	1			N W		commenced with fresh
4	7					breezes and passing clouds
5	1				"	
6	1					
7	2					
8	7					
9	1			S S E	"	
10	6					
11	6					
12	6					
1	6			S E	"	Middle part fresh gales
2	6					and passing clouds with
3	6					heavy squally and variable
4	6					Winds
5	6			S S W	"	
6	6					Latter part fresh gales and
7	6					squally with variable winds
8	6					
9	6			S W	"	Three or Four hours with
10	6					fresh gales and squally weather
11	6					light rain
12	6		N E S E	N W		Latitude by D. R. 34 52

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H K

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Course

1937

H K F

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11 4
12 4

Course

9

Sept 18 66

House
gate

the
side

the
clear
7.50.

Con. by Ob

Sept 18 66
House
fresh
clouds

pages

the
ring
7.50.

Con. by Ob

4
5
6
7
8
9
10
11
12

2
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2
2

to sun

Course Distance Diff of L

[195]

H K F COURSES.

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12

Course Dis

33
 33
 66
 36
 102

Lon.	Lon. in.	Lon. by Ob
	31 1/2	
	33	

33 18

2

10/11

1. by Ob

$$\begin{array}{r} 6009 \\ 1609 \\ \hline 4857 \\ 214 \\ \hline 455 \\ 2526 \end{array}$$

Mr E H Browne

Among my

Providence

No 211 South maine st

$$\begin{array}{r}
 22 \overline{) 6000} \quad 2 \\
 \underline{4400} \\
 1600 \\
 \underline{1540} \\
 60
 \end{array}$$

Mrs R. H. Lawrence
 1881

Handwritten mathematical work, likely a ledger or account book, showing several rows of numbers and calculations. The entries are written in a cursive script, possibly from the 18th or 19th century. The numbers are arranged in columns, with some rows having a diagonal line through them, suggesting a calculation or a specific accounting method. The numbers are written in a cursive script, possibly from the 18th or 19th century. The numbers are arranged in columns, with some rows having a diagonal line through them, suggesting a calculation or a specific accounting method.

$\frac{21}{100} \times 100$
 $\frac{10}{100} \times 100$
 $\frac{1}{100} \times 100$

1/2	1	1
1/2	2	1
1/2	3	1
1/2	4	1
1/2	5	1
1/2	6	1
1/2	7	1
1/2	8	1
1/2	9	1
1/2	10	1
1/2	11	1
1/2	12	1
1/2	13	1
1/2	14	1
1/2	15	1
1/2	16	1
1/2	17	1
1/2	18	1
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1/2	20	1
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1/2	26	1
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1/2	29	1
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1/2	32	1
1/2	33	1
1/2	34	1
1/2	35	1
1/2	36	1
1/2	37	1
1/2	38	1
1/2	39	1
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1/2	42	1
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1/2	67	1
1/2	68	1
1/2	69	1
1/2	70	1
1/2	71	1
1/2	72	1
1/2	73	1
1/2	74	1
1/2	75	1
1/2	76	1
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1/2	80	1
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1/2	94	1
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1/2	99	1
1/2	100	1

in Paris

